

20000516.qrp v01_n823.qrl.20000516

Date: Tue, 16 May 2000 19:03:05 EDT

From: qrp-l@Lehigh.EDU

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: QRP-L digest 1823

QRP-L Digest 1823

Topics covered in this issue include:

- 1) [70286] SMK-1 Photos, Etc.
by "Maddog 'n' Miracles" <maddog@io.com>
- 2) [70287] SMK-1#'s
by "daveb1" <daveb1@azbz.com>
- 3) [70288] Yaesu Knob For K2 ?
by Bob Kerby <w4bld@juno.com>
- 4) [70289] RE: Yaesu Knob For K2 ?
by Radman <radman@best.com>
- 5) [70290] DSW-XX Which band?
by "David Porter" <dporter@voicenet.com>
- 6) [70291] sf:Triton 540 etc.
by Scott Howell <n3byy@speakeasy.org>
- 7) [70292] Kanga US at Dayton - New Products
by "Bill Kelsey - N8ET - Kanga US" <kanga@bright.net>
- 8) [70293] Re: Sources for used Spectrum Analyzers?
by "Bill Kelsey - N8ET - Kanga US" <kanga@bright.net>
- 9) [70294] Re: DSW-XX Which band?
by "Bill Allen" <bill@pcatexas.com>
- 10) [70295] Flooded Project, the Last Post...
by wb2vuo@juno.com
- 11) [70296] Re: Dayton QRP Hospitality Schedule Suggestion
by N9DD@aol.com
- 12) [70297] SMK-1 contacts
by n4so@juno.com
- 13) [70298] SMK-1 #121 status update
by Rohn <rohn@pubrats.com>
- 14) [70299] Missing e-mail
by JClinton46@aol.com
- 15) [70300] New version of Digipan.....
by GE1am30092@aol.com
- 16) [70301] SMK-1 #66 Lives!
by "Pat Cahill" <n0adq@bresnanlink.net>
- 17) [70302] 300 ohm vs 450 ohm twin lead
by Paul Womble <pwomble1@tampabay.rr.com>
- 18) [70303] HB: miniPIG-10
by "Dieter \ (Diz\) Gentzow W8DIZ" <w8diz@cinci.rr.com>
- 19) [70304] Archive: QRP-L CD Version 3, dated May 7, 2000 now Available (long)

- by Jim Larsen AL7FS <al7fs@pobox.alaska.net>
- 20) [70305] INFO on St Louis Tuner?
by Patrick Armstrong <aa7fg@gte.net>
- 21) [70306] Tick Keyer
by Norm Melick <henmel@worldnet.att.net>
- 22) [70307] FS:QEX Magazine
by Mark Sailer <msailer@buoy.com>
- 23) [70308] PSK Brazilian Happy Dance!
by GElam30092@aol.com
- 24) [70309] Re: TenTec Qrp rigs?
by "Maddog 'n' Miracles" <maddog@io.com>
- 25) [70310] [NE QRP NET] reminder
by Joel Malman <malman@world.std.com>
- 26) [70311] SMK-1 #261
by "NN7CK" <nn7ck@mindspring.com>
- 27) [70312] FS:QEX Magazine - All Spoken for
by Mark Sailer <msailer@buoy.com>
- 28) [70313] DAYTON CONFERENCE ROOMS
by "Ken Evans" <w4du@bellsouth.net>
- 29) [70314] Altoids Box Rigs?
by "Mike Duke" <k5xu@concentric.net>
- 30) [70315] LQQKing and QRP fs
by RangerSF5@aol.com
- 31) [70316] FS Misc stuff
by GElam30092@aol.com
- 32) [70317] Re: Movie - Frequency
by Dan Puckett <dpuckett@erinet.com>
- 33) [70318] Re: Altoids Box Rigs?
by AdamN7YA@aol.com
- 34) [70319] [DAYTON] WX Report. You knew one was coming didn't you?
by Dan Puckett <dpuckett@erinet.com>
- 35) [70320] K8FF paddles
by "Art Neilson, WH7N" <art@pilikia.hi.net>
- 36) [70321] Re: K8FF paddles
by Jim/Julia <w7ls@blarg.net>
- 37) [70322] QRP-L CD Version 3 Info on AL7FS website
by Jim Larsen AL7FS <al7fs@pobox.alaska.net>
- 38) [70323] Re: The cheapest S/A
by "Leon Heller" <leon_heller@hotmail.com>
- 39) [70324] Dayton
by "Ron Polityka" <wb3aal@talon.net>
- 40) [70325] Red Hot Radio - Won't be at Dayton/FDIM after all....
by Dave Fifield <fifield@pacbell.net>
- 41) [70326] Re: 300 ohm vs 450 ohm twin lead
by "Pastor-KC1DI" <elbc@pivot.net>
- 42) [70327] Re: Source of RG174?
by Rick Sealey <rsealey@InfoAve.Net>
- 43) [70328] Re: DSW-XX Which band?

by "Cal Kutemeier" <ckuter@ix.netcom.com>
44) [70329] Diode faq
by "Joe Everhart" <n2cx@voicenet.com>
45) [70330] HB: Stabilizing a Regen Receiver
by Bruce Kizerian <kizerian@ced.utah.edu>
46) [70331] Ft. Smith P-TiCK: KI6DS makes error in manual.
by "Doug Hendricks" <ki6ds@hotmail.com>
47) [70332] Re: DSW-XX Which band?
by Allan G Taylor <k7gt@qsl.net>
48) [70333] RE: The cheapest Spectrum Analyzer
by Karl Kanalz <KKanalz@excel.com>
49) [70334] RE: Source of RG174?
by "Ed Tanton" <n4xy@att.net>
50) [70335] Re: Source of RG174?
by "Dieter \ (Diz\) Gentzow W8DIZ" <w8diz@cinci.rr.com>
51) [70336] Re: Postal costs for the QRP cd?
by Jim Larsen AL7FS <al7fs@pobox.alaska.net>
52) [70337] Re: QRP-L CD rom to YBland
by Jim Larsen AL7FS <al7fs@pobox.alaska.net>
53) [70338] Re: Altoids Box Rigs?
by "n6wg:First n6wg:Last" <n6wg@earthlink.net>
54) [70339] OT: OTHER QRP stuff
by "Mike Yetsko" <myetsko@insydesw.com>
55) [70340] Wishing to speak to the Big Kahuna
by FrConrad@aol.com
56) [70341] FUN: Leaving for Dayton
by "Doug Hendricks" <ki6ds@hotmail.com>
57) [70342] Re: OT: OTHER QRP stuff
by joe lerch <jl@early.com>
58) [70343] Trade?: K2 for QRO xcvr?
by Allan G Taylor <k7gt@qsl.net>
59) [70344] QRPp
by Bruce Rattray <rattray@gpfn.sk.ca>
60) [70345] Re: Altoids Box Rigs?
by "Cla KA0GKC" <ka0gkc@arrl.net>
61) [70346] Re: OTHER QRP stuff
by "Cla KA0GKC" <ka0gkc@arrl.net>
62) [70347] New Elecraft Rig
by N9DD@aol.com
63) [70348] [DAYTON] RE: Hamvention QRP vendor list
by Michael Ostrowski <mostrowski@CreativeSolutions.com>
64) [70349] [DAYTON] Hamvention QRP vendor list
by Michael Ostrowski <mostrowski@CreativeSolutions.com>
65) [70350] 2N2/6 Information
by "Jim Kortge, K8IQY" <jokortge@prodigy.net>
66) [70351] sorry just a test
by "Rich Wilkerson" <richqrp@home.com>
67) [70352] QRP-L CD's

by "John J. McDonough" <wb8rcr@arrl.net>
68) [70353] Re: 300 ohm vs 450 ohm twin lead
by "n6wg:First n6wg:Last" <n6wg@earthlink.net>
69) [70354] New Product: Elecraft K1 Two-Band HF Transceiver
by Eric Swartz WA6HHQ - Elecraft <eric@elecraft.com>
70) [70355] PSK-31 QSOs with PSK-20 AT LAST!
by "Rod, N0RC" <n0rc@qsl.net>
71) [70356] DX reference program in VB
by Bcieslak@ra.rockwell.com
72) [70357] Re: DSW-XX Which band?
by RangerSF5@aol.com
73) [70358] ATTN.....Joe Grib,,,,KI3B
by RangerSF5@aol.com
74) [70359] o'scopes...
by Mighty Mik <mitymik@wenet.net>
75) [70360] Re: New Elecraft Rig
by "Robert P. Okas" <vintage@best.com>
76) [70361] New Elecraft rig
by Mike Gipe <mgipe@reliablemeters.com>
77) [70362] QRP-L CD Ver. 3 Info Update - AL7FS - PayPal and International Info.
by Jim Larsen AL7FS <al7fs@pobox.alaska.net>
78) [70363] QRP-L CD Ver.3 - Pay Pal and International - de AL7FS
by Jim Larsen AL7FS <al7fs@pobox.alaska.net>
79) [70364] Solar Flare(s) Likely next 24 hrs
by "Ed Tanton" <n4xy@att.net>
80) [70365] Elecraft and Dayton
by "Daniel" <hamop@pixi.com>
81) [70366] K1 - Elecraft's twin-bander...
by Radman <radman@best.com>
82) [70367] Re: OTHER QRP stuff
by "Mike Yetsko" <myetsko@insydesw.com>
83) [70368] FS: Dip meter, rig, books, etc.
by arrowhead1@characterlink.net (Ted Danchi)
84) [70369] FS: I forgot one...
by arrowhead1@characterlink.net (Ted Danchi)
85) [70370] Another Toroid Question
by "Davies, Doug A FOR:EX" <Doug.Davies@gems3.gov.bc.ca>
86) [70371] CW
by Shawn Upton <shawn-upton@aiken.eng.orgella.com>
87) [70372] Re: CW
by "Steve Thompson" <steve@xcvr.com>
88) [70373] SMK #190 : It's alive!
by David Hinerman <dlh1009@ritvax.isc.rit.edu>
89) [70374] UPDATE FS: Dip meter, rig, books, etc.
by arrowhead1@characterlink.net (Ted Danchi)

From: Bob Kerby <w4bld@juno.com>
To: qrp-1@lehigh.edu
Subject: [70288] Yaesu Knob For K2 ?
Message-ID: <383875637.958432415236.JavaMail.root@web127-wra.mail.com>
Mime-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

Hello Gang - I wonder if anyone can give me the part number for the Yaesu knob used to replace the factory knob on the K2? I will also appreciate the number for Yaesu parts if that is available. Many Thanks, Bob

Date: Mon, 15 May 2000 16:45:59 -0700
From: Radman <radman@best.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>, "'Bob Kerby'" <w4bld@juno.com>
Subject: [70289] RE: Yaesu Knob For K2 ?
Message-ID: <01BFBE8D.0F9EE140@radman.vip.best.com>

Bob & the mojo gang,

Here ya go... following are the Yausu FT-100 main tuning knob order numbers. You can order directly from Yaesu in Cerritos, CA as follows:

FT-100 knob part # RA006800B
FT-100 Rubber ring part # RA0068200
(the set screw comes *with* the knob --- but double-check w/ Yaesu)

Parts Department (Hours: 8 am - 4 pm PST):
(562) 404-2700

In addition to the two Yaesu parts, you'll need a 1.5mm hex (allen) wrench for the set screw.

Yaesu will probably ask you if you're a Yaesu customer or an Elecraft customer ;) They're quite happy to sell to any ham radio customer they told me. It's good for a laugh ;)

FYI, my cost was ~\$18 with CA sales tax & shipping.

72.3,

Conrad Weiss - NN6CW - K2 FT #006 with FT-100 knob & mojo.-----

Date: Mon, 15 May 2000 19:49:53 -0400
From: "David Porter" <dporter@voicenet.com>
To: "qrp-1" <qrp-1@Lehigh.EDU>
Subject: [70290] DSW-XX Which band?
Message-ID: <200005152349.TAA281342@nss4.cc.lehigh.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

It looks like the only rig I'll have for a while after the ticket comes will be a DSW. (Plus a Tuna Tin 2, Fireball 40, and a Snap) I like the DDS VFO feature and will happily live with the receiver. The question is:

If you have to work just one band, which one would it be?

I won't bias anyone with my thoughts, I just want to hear what everyone thinks.

David Porter
dporter@voicenet.com

Date: Mon, 15 May 2000 20:00:02 -0400 (EDT)
From: Scott Howell <n3byy@speakeasy.org>
To: tentec@contesting.com
Cc: qrp-1@lehigh.edu
Subject: [70291] sf:Triton 540 etc.
Message-ID: <Pine.LNX.4.20.0005151953310.2001-1000000@n3byy.yi.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

First item is an Astron SS30, 25A continuous and 30A peak. Power supply is in excellent condx hardly used.
\$85 shipped/insured.

Second, MFJ 1700B antenna switch (6 antennas and 6 rigs) switch whatever rig to whatever antenna.
\$65 shipped/insured. Item is only a few months old as is the power supply.

Lastly Ten-Tec Triton 540 (analog) Excellent condx, all manuals, mic/stand, and power cable.

Also have the model 299 external audible freq counter.

Triton \$285 shipped/insured counter \$70 shipped/insured.

tnx es 72/73 de Scott/n3byy

Date: Mon, 15 May 2000 20:14:10 -5
From: "Bill Kelsey - N8ET - Kanga US" <kanga@bright.net>
To: qrp-l@Lehigh.EDU
Subject: [70292] Kanga US at Dayton - New Products
Message-ID: <200005160014.UAA26177@sparticus.bright.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

Kanga US will be at Dayton again this year. We will be sharing the same booth with W7EL - Number 514 - so stop by for a visit.

I will also be presenting a paper at FDIM written by KK7B on the latest developments in high performance DC receivers. The things Rick has done with DC receivers are amazing.

I will have a new Hands electronics RTX109 all band CW transceiver on display. It can run up to 6W out, covers all 9 CW bands, has a 500 Hz xtal filter, and a DDS (dual) vfo with 8 step sizes and 16 memories. The price is \$465.

It is the CW only version of the new RTX211 which incorporates SSB capability. The cost of the RTX211 is \$620. I do not have a '211 yet, but will be getting one from Sheldon shortly.

As always, I will have the KK7B kits, and the W7ZOI Spectrum Analyzer kit.

DK9SQ Masts and antennas will be available in the evenings - DK9SQ will be selling them at the Hamvention during the day.

Also new this year - I will have avaialble open wire fed dipoles from W7FG. These are superb low loss antenna systems - ideal for QRP. Stop by and take a look.

I have been ordering quantities of the more common toroids and will be selling them at good prices.

Finally - There will be an article on a very interesting 10 meter QRP rig published in the upcoming July issue of QST. The article is by a very well know writer - you will have to wait to get your July issue to find out what the article says and who wrote it - or stop by and see my "ugly constructed" 40

meter version or the 30 meter PC board version. And yes - I will be doing a kit - after the article is published.

Hope to see a lot of you there.

73 - Bill - N8ET
Kanga US
kanga@mail.bright.net
<http://www.bright.net/~kanga/>
419-423-4604

Date: Mon, 15 May 2000 20:14:10 -5
From: "Bill Kelsey - N8ET - Kanga US" <kanga@bright.net>
To: Dan.Tayloe@motorola.com, qrp-1@Lehigh.EDU
Subject: [70293] Re: Sources for used Spectrum Analyzers?
Message-ID: <200005160014.UAA26120@sparticus.bright.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

Dan -

I sell a "kit" for the SA and Tracking Generator designed by W7Z0I/K7TAU that was in QST a year or so ago. I will have stock at Dayton this weekend.

Cost for the SA is \$195. The TG is \$37

73 - Bill - N8ET
Kanga US
kanga@mail.bright.net
<http://www.bright.net/~kanga/>
419-423-4604

Date: Mon, 15 May 2000 19:05:35 -0500
From: "Bill Allen" <bill@pcatexas.com>
To: <dporter@voicenet.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [70294] Re: DSW-XX Which band?
Message-ID: <000a01bfbeca\$75a6cc40\$356840ce@outown.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

David,

Since I can't do much CW work in the day, I chose the DSW 40 for night time CW. However, DSW 20 would let you work CW nearly all the time. It just depends on what you want. For instance:

80m - LOTS of static crash noise from lightning during foul weather, but an excellent night band.

40m - Some of the same problem as 80m, but the biggest source of noise is the foreign AM broadcast stations that 40m is shared with. They start coming in during the evening real strong and can nearly shut down some chunks of 40m. However, there is plenty of elbow room to find a place to work. I have liked doing local work on this band, inter and intra state.

30m - not a lot of elbow room here, but a great CW band (in fact, it is CW only).

20m - can work DX both day and night on this band.

I personally chose the DSW-40 when I did because at the time it was where I had an allocation as a Tech+. I've upgraded my license now so that is a moot point. However, I do like working CW on 40m.

Whichever DSW rig you get, you will no doubt be pleased with the construction and operating experience!

: -))

73

KC5ADF

Bill Allen

----- Original Message -----

From: David Porter <dporter@voicenet.com>

To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

Sent: Monday, May 15, 2000 6:49 PM

Subject: DSW-XX Which band?

> It looks like the only rig I'll have for a while after the ticket comes
> will be a DSW. (Plus a Tuna Tin 2, Fireball 40, and a Snap) I like the
> DDS VFO feature and will happily live with the receiver. The question is:
>

> If you have to work just one band, which one would it be?

>

> I won't bias anyone with my thoughts, I just want to hear what everyone
> thinks.
>
> David Porter
> dporter@voicenet.com

Date: Mon, 15 May 2000 20:30:27 -0400
From: wb2vuo@juno.com
To: qrp-1@lehigh.edu
Subject: [70295] Flooded Project, the Last Post...
Message-ID: <20000515.203133.-68115.3.wb2vuo@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

Here's the final results:

1 - The board was bagged up along with some of the other flood debris for a Haz-Mat eval.

2 - I got an diagnosis this AM that I was suffering from "Chemically-induced Dermatitis" from wading in and handling the debris without gloves or boots. Topical salves applied to the affected areas was the prescription, and a bit of a butt-chewing for being dumb enough to play in that witches brew.

3 - The board, on a first check has a film of MEK Peroxide and laquer thinner on it. 2 of the cans that emptied their contents were epoxoy slovent for fiberglass repair and thinner. This was reported to me this afternoon by Niamet, the lab that's evaluating this mess.

4 - When I applied a water spray on the board, the copper washed off the pads. When I picked up the copper foil, my fingers blistered and peeled in minutes. When I stripped off my wet sneakers and socks, my ankles and legs were bilstered and peeling. My daughter said that my legs looked like raw steak and smelled like roadkill in the sun. I cannot argue with her assessment. It fits.

I will get back to the project next weekend. The basement is still being cleaned up, this time by professionals, and I informed the members of the local FD about the problem. Hopefully no lawyers will come a knockin' on my door!

Thanks to all for the suggestions, and I want a refund on my weekend. I am not having fun yet!

72/73, Keith, WB2VUO, 100% QRP from the Depths of the Great Bergen Swamp
VP & FD'00 Chairman, Brockport Amateur Radio Klub & SOC # 119
My night light runs more power than my Rig!!!
Replies off-list to: wb2vuo@arrl.net

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<http://dl.www.juno.com/get/tagj>.

Date: Mon, 15 May 2000 20:41:07 EDT
From: N9DD@aol.com
To: qrp-l@lehigh.edu
Subject: [70296] Re: Dayton QRP Hospitality Schedule Suggestion
Message-ID: <5f.53c00ff.2651f323@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

In a message dated 5/15/2000 5:18:46 PM US Eastern Standard Time,
ki6ds@hotmail.com writes:

<< Would it be possible for the hospitality room to be
open at 7 PM on Friday night also for those who are not attending the
banquet? Not everyone goes to the banquet, and the others would enjoy
having the use of the room at 7 so as to not have to wait around until 9.
>>

Even though I plan to be attending the banquet, I agree that the hospitality
rooms should be open sooner, if at all possible. Part of the fun of the QRP
gathering at Dayton that has diminished somewhat over the last few years, has
been the chance to just "shoot the breeze" with other QRPers. It would be
easier if the rooms were opened - no need for any "official" function to get
set up.

73,

Tom Frisz N9DD
South Bend, IN

Date: Mon, 15 May 2000 19:36:40 -0500
From: n4so@juno.com
To: qrp-1@Lehigh.edu
Subject: [70297] SMK-1 contacts
Message-ID: <20000515.193916.-150483.9.N4S0@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

Thanks to all SMK-1 contacts on 7039.00khz.

K04WX

WD9GON

N5IB

K5KW

N50BC

AJ4Y

The last contact-- AJ4Y -- was the best at 339 and solid copy of each letter. It is indeed possible to have SMK contacts if the noise level is S-3 or less and the frequency is clear of other signals.

Ken Brown, N4S0
Mobile, AL EM50tk
NorCal-20 at 5 watts
4 element yagi

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<http://dl.www.juno.com/get/tagj>.

Date: Mon, 15 May 2000 19:59:28 -0500 (CDT)
From: Rohn <rohn@pubrats.com>
To: qrp-1@Lehigh.EDU
Subject: [70298] SMK-1 #121 status update
Message-ID: <Pine.LNX.3.96.1000515195029.5641B-1000000@tavern.pubrats.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Short story: Golly! It Works!

Longer (somewhat excited) story: I completed assembly yesterday (Sunday) and only had a quick moment to give it the smoke test... no smoke, but no receive either. "Great," I thought. Slightly depressed I stashed it away before harm came to it ;-)

Today I have only a moment to look at it, but it's gnawing at me so I hafta. Have I earned myself an honorary SOC number yet (I keep not getting around to actually applying for one, another sure sign of my status). I complete the surface mount portion just fine - but I completely mess up the connectors!

Now that I've got those things worked out I can actually hear some CW when connected to an antenna! I can hear it transmit on the "big rig"!

With luck I'll find some time to do the alignment during this work week and get that first QSO, otherwise Saturday's gonna seem like a lifetime!

Y'all can enjoy Dayton shamelessly, knowing that I've got a working SMK-1 now! HI HI! Hey, maybe my its first QSO will be to Ohio, eh?!?!

72's!

Rohn, NORTX

ps/ my Advanced ticket showed up in the mail today... one day shy of a month (but no complaints)

Date: Mon, 15 May 2000 21:06:50 EDT
From: JClinton46@aol.com
To: qrp-l@lehigh.edu (Low Power Amateur Radio Discussion)
Subject: [70299] Missing e-mail
Message-ID: <3f.4cd3279.2651f92a@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

I have recently noticed qrp-l messages referencing earlier e-mails that I never received. To confirm that the original was not just sent off list and the reply posted on list, I downloaded archives and discovered I never received about 10% of the list e-mails.

Has anyone else noticed this? I contacted my isp (AOL - no comments necessary) and they seem to think the problem resides with the list. I am not at all convinced!!

To keep list noise to a minimum, please respond directly if you have or had

this problem and how it was resolved. I will post a summary/resolution to the list.

Thanks
73
Clint Poss
KE4FDT

Date: Mon, 15 May 2000 21:16:32 EDT
From: GElam30092@aol.com
To: qrp-l@lehigh.edu
Subject: [70300] New version of Digipan.....
Message-ID: <2b.5b4c37d.2651fb70@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

There's a new version of Digipan out. The new version offers a couple of new features. I haven't tried it yet so you're on yer own!

>From the web site: Version 1.1 adds Seek, CW ID and other macros, DTR PTT, Bookmarks, Right-click macro editing, Wordwrap, Tune signal, Additional Log bar, Drag-drop Log entry, Spectrum window default palette selection, and Dial Scales for 80m - 10m.

<http://members.home.com/hteller/digipan/>

Cheers,
Gerry Elam, K7LR0
PHX AZ

Date: Mon, 15 May 2000 20:40:15 -0500
From: "Pat Cahill" <n0adq@bresnanlink.net>
To: <qrp-l@lehigh.edu>
Subject: [70301] SMK-1 #66 Lives!
Message-ID: <011c01bfbed7\$af909f00\$b8a049cc@mayo.edu>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 8bit

Hi Gang!
SMK-1 #66 lives! First contact still to come. The story of the construction is unique (so far!). It was a joint effort between XYL Gena KB0WDI, and

myself. This was a GREAT togetherness project where we worked together to successfully complete this little beauty.

The layout for this construction project was on the dining room table, covered with white craft paper. On top of the craft paper was a discarded quilter's rotary cutter mat. It provided the workspace used to finish the transceiver. An arm mounted, illuminated magnifier was mounted on the table over the soldering area. My new soldering station from Circuit Specialists (Thanks for the tip, QRP-L) was on my right. Gena and the parts bags were on the left side of me. A cup measuring cup was used to pass the parts from QC (KBOWDI) to the assembly tech (N0ADQ).

Gena would remove the parts from the carriers, put them in the cup, and call out the part number(s). Then, I would tin the right hand pad, place the part with a straight tweezers, and tack the part down onto the tinned pad. Slight adjustments in the part position were accomplished using the end of my solder wire. The left side was soldered, and any touchup needed on the right side was then done. The capacitors were easy, since there were no markings. Once we got to the resistors, having the numbers in the same orientation made the placement a bit more interesting. (I know, I know, it makes no difference to the circuit or electrons, but it does to me.) In the case of a really bad placement, solder wick came to the rescue. These parts, under the magnifier, really are not too hard to work with, and the bonus of no leads to clip was great! This isn't so hard! Then came bag #2.. Item 21, the PZT2222A went in easy, and then a couple more resistors, and then we went to the little transistors. Those took a bit more effort with three tiny leads, but they were the practice for the IC's. So, figure out where pin 1 is, tack it down and solder the 8 leads. Solder bridges galore! But, I had learned from another learned source (Curt, WB2V) that solder wick is our friend. Don't sweat the bridges, just wick them off! So, with QC keeping me honest (I needed that), all the parts were mounted, inspected, transformer wound and mounted, and the board was finished! 2.5 hours from the time the soldering iron was hot!

Spent and cross-eyed, I put the board away for the day. I then took it to the Rochester Amateur Radio club breakfast the next Saturday to show it off, and the first question was "Does it work?". With a sheepish grin, I had to admit it had not been smoke tested yet, that all parts still had their smoke intact. On the other hand, I did get the gratifying OOHs and AAHs. This was enough encouragement to add the wires and hook up a headphone, antenna jack, and power leads.

With the anticipation only builders know, I applied power to the SMK-1 #66. No Smoke! Hiss in the headphone! So far so good. Hook up the 80-40 dipole, and SIGNALS! Switch to the dummy load and hold the key leads together, and the meter moves! A transmitter! A smile grows on this bearded face. I run downstairs, interrupt QC who wonders what did he do now.. I hold out my hand, and say IT LIVES! We have brought another radio into the world together. I could not have done it with out her!

Now, to try and make a contact!

Thanks to all the NorCal gang! I wear the T-shirt proudly, remembering the meeting I attended a couple of years ago. First the 38 Special, now

the SMK-1. Not to mention QRP-P, the resistor kit, the capacitor kit,
and the toroid kit. You all make this a better hobby!

72,

Pat Cahill N0ADQ and Gena Cahill KB0WDI
Rochester, MN

Date: Mon, 15 May 2000 21:47:23 -0400
From: Paul Womble <pwomble1@tampabay.rr.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [70302] 300 ohm vs 450 ohm twin lead
Message-ID: <3920A8AB.56B9375@tampabay.rr.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I use a 44' dipole feed with 450 ohm twin lead with a 4:1 balun. If I
change to 300 ohm "tv-type" twin lead with the balun will I see a
difference in performance?

73

Paul AJ4Y

--

Polk County Amateur Radio Emergency Services:
<http://www.qsl.net/polkares>
Florida Contest Group:
<http://www.qsl.net/fcg>

Date: Mon, 15 May 2000 21:45:36 -0400
From: "Dieter \ (Diz\) Gentzow W8DIZ" <w8diz@cinci.rr.com>
To: "QRP-L" <qrp-l@lehigh.edu>
Subject: [70303] HB: miniPIG-10
Message-ID: <00ed01bfbcd8\$6f01de30\$1461a518@cinci.rr.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="Windows-1252"
Content-Transfer-Encoding: 7bit

Howdy folks...

Anybody interested in seeing/hearing/operating the Flying Pigs QRP Club

miniPIG 10 meter tranceiver project can meet me at the Dayton arena on Friday afternoon or all day Saturday. Will also be at the QRP hotel in South Dayton. Both days I'll be monitoring 145.72 simplex . Hope to see many of you.

73 & "oo's" - Dieter (DIZ) Gentzow - W8DIZ - Loveland, Ohio
Clermont County - EM79uf - near Cincinnati; 39.218N - 84.305W
FPqrp-1 SOC-8 DLQRPAG-1454 ARCI-10226 QRPL-1998 10X-9389 CATT-26 K2-493
<http://home.cinci.rr.com/w8diz> [AOL-IM "w8diz"]

Date: Mon, 15 May 2000 17:52:36 -0800
From: Jim Larsen AL7FS <al7fs@pobox.alaska.net>
To: "qrp-l@lehigh.edu" <qrp-l@lehigh.edu>
Subject: [70304] Archive: QRP-L CD Version 3, dated May 7, 2000 now Available (long)
Message-ID: <3920A9E4.55C7C461@pobox.alaska.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Greetings from Alaska!!

QRP-L CD Version 3.0 CD-ROM

(Received May 15 from WB8RCR...Thanks, John for all the work coordinating this.)

>From the CD: Well, it's finally here! Version 3 of the QRP-L CDROM, and since version 2, we've had a lot of changes on the list, the startup of QRP-F, a much more active and aggressive QRP ARCI, and a new millennium! This CD contains the entire QRP-L archive for the 20th century, as well as a few months of the 21st. (1993 through sometime in April 2000)

Much of the material for this one is the same as Volume 2, except, of course, for the updated archives. (look below signature block for an extract of info (long)). If you have anything you can contribute, please send it along to WB8RCR for the next release. I'm sure your fellow QRPers would appreciate your sharing.

I (WB8RCR) have included the latest version of QSLMaker - you saw it here first! And also in the QSLMaker directory is a set of new background bitmaps. These are especially for ARCI members (QRP Amateur Radio Club International) who want to display the ARCI logo on their card.

There are links to the HTML directories and the QRP-L archives.

QRP-L Archives

Chuck Adams, K7Q0, pictures (see below signature block)

Glen Leinweber, VE3DNL, Elmer101 Web Page

and much more

=====

Ok, now how to get your own Version 3 copy of the CD. de AL7FS

I'm (AL7FS) ready to take orders for the QRP-L CD Version 3, dated May 7, 2000.

I can supply a blank CD or accept one from you.

Plan A: Your blank CD

Put a blank CD in one of those plastic sleeves (i.e. don't send the jewel box). Put this CD in a sturdy cardboard mailer. Put your mailing address on the mailer. Put postage on the mailer. (Typical postage is 55 cents, though if you use a bubble mailer or one of those thick padded mailers it might be 78 cents.) Now put this mailer into a larger (of course) mailer addressed to me (see below). Write your name AND email address on a small slip of paper and enclose it as well.

Plan B: I provide blank CD

Send a check for \$10 payable to "Jim Larsen" to me (see below). Please enclose a self-adhesive mailing label with your mailing address. Write your name AND email address on a small slip of paper and enclose it as well. If you don't have a self-adhesive label just put your mailing address neatly on a piece of paper that I can cut out and tape to the package.

Send your package or envelope to:

Jim Larsen, AL7FS
3445 Spinnaker Drive
Anchorage, AK 99516-3424

Upon receipt, I will email you to confirm receipt of your package--IF you remembered to enclose your email address :-)

Questions? Send email to me at AL7FS@qsl.net. Please make the subject line "QRP-L CD Question".

73,

Jim

--

Jim Larsen, AL7FS <http://www.qsl.net/al7fs/>
Anchorage, Alaska <mailto:al7fs@pobox.alaska.net>
QRP ARCI #6754 Check out <http://www.qrparci.org/>

=====

QRP-L Archive
Yearly Indices
 * Subject Indices
 * Sequential Indices

Subject Word Indices
 * All Years

=====

KB0HQU's Pixie and SMiTe files

=====

NEC2 - The NEC antenna design program

=====

PCPGMS - Misc Utilities

=====

RUFZ - The RUFZ morse code program

=====

SPICE - Spice modeler and many of the models included

=====

WB8RCR - QSLmaker and some graphics - The latest version

=====

Elmer101 Discussion of the SW40+ CW Transceiver
VE3DNL

The Small Wonder Labs SW40+ radio is a simple kit designed and distributed by Dave Benson. The Elmer101 project uses this kit as a learning tool so that you can discover how radio receiving and transmitting circuits work. <material deleted for brevity>

You can e-mail me any questions you have on the material below to:
leinwebe@mcmaster.ca Please include "elmer101" in the subject line.

part-by-part dictionary of SW 40+ kit
A Colpitts VFO oscillator
SA612: A Gilbert-Cell Transmit Mixer
7MHz. Bandpass filter and Transmit Linear Amplifier
Transmit/Receive switching circuits
Receiver Front End
Crystal Ladder I.F. filter
Receiver's Audio Amplifier Circuits
Q6 final RF Amplifier
Acoustically Resonant Loudspeaker

The R2 Single Sideband Receiver Revisited: the R2a
R2a photo all boards mounted
R2a Preamp & quadrature tuning board
A "Fireball" - type 1.6W transmitter on 28.322MHz
Photo of homebrew Fireball
Dummy Loads, RF voltage, RF current probes

=====
A sample of Chuck Adams (father of QRP-L) material:
K5FO's Stuff for QRP-L CDRom (list not 100% complete, there's more)
Small straight key
NN1G rig in TenTec case
Shur straight key
Bunnell straight key
McElroy straight key
NC40a XCVR
Tejas Keyer and Envirotronic paddle
Envirotronic paddle
MFJ-840 wattmeter that will work at HF
NC40a XCVR
Ungar tip on a Weller iron that I use
Heath IM2410 counter and GC-1000 clock at 3.6000000MHz WWV
Kent paddle
March paddle
March paddle
OHR DD-1 Digital display
GM-30 in TenTec case with vinyl covering
NN1G SWL GM-30 in TenTec case
Sierra XCVR from Wilderness Radio
Original Sierra XCVR kit
CMOS III keyer in TenTec case
Band module from Sierra kit
Receiver from MXM
VE3DNL frequency marker
SWL-40 from NN1G's Small Wonder Labs
Helping hand made from wood and wooden clothespins
TenTec case with NN1G rig inside
SWL GM-30 board assembled
OHR Explorer II kit
MFJ-249 SWR Analyzer
K5FO case with NN1G 20 meter XCVR inside
NC40a from Wilderness Radio
Original NorCal 40a kit
OHR DD-1 insides
OHR WM-1 Wattmeter
OHR 100 XCVR
NN1G GM-17 17 meter XCVR
Vibroplex Brass Racer S/N #1

NN1G GM-17 17 meter XCVR
Mercury Paddle
CMOS III Keyer Kit
Envirotronic Paddle
Heathkit PSA-9 12V P/S for HW-9 XCVR
RF Probe built ugly construction style
WBL V22 paddle
WBL V2L paddle
NN1G's new DSW-40 40 meter digital synth. rig
OHR100 40M version
NN1G GM-30 kit
SW-40+ prototype kit from NN1G
NorCal 20 Kit being assembled
NorCal 38 Special Kit
Restored Brown Bros paddle
Vibroplex presentation bug
TenTec 1340 XCVR kit brand new
Crystal checker, VE3DNL and ARRL marker generator
Bencher chrome paddle
G4ZPY mini paddle
NorCal 20 XCVR
Handmade paddle from Czechoslovakia
Handmade paddle from Czechoslovakia
SST 30 XCVR
Zeit WWV clock
SST 30 with paddle
Casio model DQ 712 clock
Restored Bunnell straight key
Key restoration projects
NN1G Freq-Mite kit
K8IQY 2N2222 XCVR
NN1G SW-40+ XCVR
K8IQY Rig
Brown Brothers Paddle restored by K5FO
SST 40 kit being built without instructions
SST 40 kit
ARRL CD for Introductory Morse
MFJ Morse Tutor
SWL 20+
AADE L/C meter with K5FO patented gizmo
Ever wonder what's in a crystal?
TenTec external VFO for Corsair I
Corsair I from TenTec, the best rig I own
GM-30 kit

=====

Date: Mon, 15 May 2000 20:08:03 -0700
From: Patrick Armstrong <aa7fg@gte.net>
To: qrp-1@Lehigh.EDU
Subject: [70305] INFO on St Louis Tuner?
Message-ID: <3920BB93.A9557B4F@gte.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I have a chance to get a St Louis Tuner in kit form and have no real info on it. Can someone give me some background on this unit like who offered it, circuits used and functionality. I appreciate all help and thanks...

Pat, AA7FG - Oregon

Date: Mon, 15 May 2000 20:08:54 -0700
From: Norm Melick <henmel@worldnet.att.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [70306] Tick Keyer
Message-ID: <3920BBC6.1B6E2294@worldnet.att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Has anyone installed a tick keyer in the Ten Tec 525D? If so, I'd like to hear the details, especially if you had to disable the TT side tone circuit.

Thanks much,

Norm/KQ6SD

Date: Mon, 15 May 2000 23:14:18 -0400
From: Mark Sailer <msailer@buoy.com>
To: qrp-1 <qrp-1@lehigh.edu>
Subject: [70307] FS:QEX Magazine
Message-ID: <3920BD0A.F8AC42B6@buoy.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I have the following issues of QEX for sale
Sept/Oct 99
Nov/Dec 99
Jan/Feb 00
Mar/Apr 00
May/Jun 00 (200th Issue)

\$5 plus Priority Mail

Email Directly if interested

--

====

Mark Sailer, N2JTW msailer@buoy.com
Lake Grove L.I., NY

Date: Mon, 15 May 2000 23:17:28 EDT
From: GElam30092@aol.com
To: qrp-1@lehigh.edu
Subject: [70308] PSK Brazilian Happy Dance!
Message-ID: <aa.51d9f56.265217c8@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Festival is over but.....

.... just made a contact into Salvador Bahia which is Brazil on PSK. Started at 5 W and had to go up a bit to finish it but we did it! This was with an Elecraft K2 and a wire up 33 ft tied to the end of a Kanga mast.

This is just too EXCITING!

Cheers,
Gerry Elam, K7LR0
PHX AZ

Date: Mon, 15 May 2000 22:22:15 -0500
From: "Maddog 'n' Miracles" <maddog@io.com>
To: qrp-1@Lehigh.edu
Subject: [70309] Re: TenTec Qrp rigs?
Message-ID: <4.3.1.1.20000515221918.00c2d6d0@mail.io.com>
Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"; format=flowed

>
>Hi Gary!
>
>On 14 May 2000, you wrote
> >I was wondering what some opinions were on the
> >1300 series qrp radios Ten-Tec has on the market?
> >And can some of the keyer, freq annunciators
> >work with them?

Definitely... for proof, and a review of the 1340, visit my web page at
<http://www.io.com/~maddog/>
and follow my call...

72,
monty

```
*****                                     \/  
* Monty Northrup (N5FC) * "There is no way to peace: * \      (**)   
* Carolyn Blankenship *   peace IS the way." *    /^^^^^^) ~   
* maddog@io.com * http://www.io.com/~maddog/ *  /^^/^^/^^/ \   
*****
```

Date: Mon, 15 May 2000 23:23:53 -0400 (EDT)
From: Joel Malman <malman@world.std.com>
To: qrp-l@Lehigh.EDU
Cc: k1qm@world.std.com
Subject: [70310] [NE QRP NET] reminder
Message-ID: <200005160323.XAA03813@world.std.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

This is a reminder re the New England QRP Club Net...

Don't forget -- NEQRP WQ1RP CW net will be on or around 3.561 MHz Thursday
night at 9:00PM EDT. As noted earlier, we are switching between 40M and
80M on alternate Thursdays. Join us if you can -- last Thursday's net
included eight check-ins.

72 DE K1CL,
Chuck.

==> Thursday 9pm EDT in the USA is: 0100z Friday, 19 May GMT <==

NCS is scheduled to be Chuck, K1CL.

72 and GE to all..... joel (queen mary)

--
/joel K1QM (K1 Queen Mary) Concord, Massachusetts
QRP-L #337, QRP-ARCI #9305, MI-QRP #1641, SOC #42

Date: Mon, 15 May 2000 23:53:03 -0400
From: "NN7CK" <nn7ck@mindspring.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Cc: <nn7ck@mindspring.com>
Subject: [70311] SMK-1 #261
Message-ID: <001601bfb3ed78680\$d382cdcf@default>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi Gang,

After I received a couple of E-Mails (TNX Dave and Cla) inquiring about the possibility of my having D5 in the circuit backwards I donned the extra heavy magnifiers and lo and behold, indeed that little sucker had fooled me.

After unsoldering it (love those pads and no holes to clean out) I put it back in with the proper orientation. Key down and it sounds great.

As to my earlier post, jumping the backward D5 does lower the sidetone but at that time I had no antenna on it and did not check to see if I could hear signals.

So obviously the best approach is to put the parts in the way Dave designed it...Hi Hi.

With the indoor antenna there are signals everywhere.

By the way, if you have yours operating on a bench next to a TV turn off the tube and its amazing how many howls and squeals dissappear.

Great little rig Dave, now to get a halfwave antenna up into the trees
outside my apartment window.

72/73 ... Gene ... NN7CK/4 ... Asheville, NC

Date: Mon, 15 May 2000 23:54:19 -0400
From: Mark Sailer <msailer@buoy.com>
To: qrp-l <qrp-l@lehigh.edu>
Subject: [70312] FS:QEX Magazine - All Spoken for
Message-ID: <3920C66B.BC20E212@buoy.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Thanks
They have all been spoken for

--
====
Mark Sailer, N2JTW msailer@buoy.com
Lake Grove L.I., NY

Date: Tue, 16 May 2000 00:06:10 -0400
From: "Ken Evans" <w4du@bellsouth.net>
To: "QRP-l Discussion" <qrp-l@Lehigh.EDU>
Subject: [70313] DAYTON CONFERENCE ROOMS
Message-ID: <004b01bfbeec\$11fb3ba0\$bbdafea9@evans>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Gang,
The Miambsburg and Centerville Rooms are available every night (Thursday thru
Saturday). They both should be open by 7 PM. The only thing that may be
there (as Jim, W4Q0, pointed out) are some tables for the vendors. Also, we
will be accepting entries for the building contest early on Saturday
evening. The judges will need some space to do their jobs.

72/3,
Ken Evans, W4DU

Atlanta, GA
QRP ARCI #696; G-QRP; NORCAL;NOGA; ARRL-Life

Date: Mon, 15 May 2000 23:23:21 -0400
From: "Mike Duke" <k5xu@concentric.net>
To: "qrp" <qrp-l@lehigh.edu>
Subject: [70314] Altoids Box Rigs?
Message-ID: <001601bfbee6\$31fd42a0\$20320140@k5xu>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

When I first joined this list about 3 years ago, I came in on the end of some discussion of rigs to fit into an Altoids box.

Now that I have a Jackson Harbor KP3 keyer and the poor man's paddle housed in said boxes, I'm thinking that it might be fun to have a complete Altoids station.

Any suggestions for the radio?

Mike, K5XU

Date: Tue, 16 May 2000 00:39:00 EDT
From: RangerSF5@aol.com
To: QRP-L@lehigh.edu
Subject: [70315] LQQKing and QRP fs
Message-ID: <e1.4615385.26522ae4@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Hi Gang,
I'm reading the post on yahoo.com mail but the 2 I made did not show up

I'm looking for a ARK 40-M or an ARK-4 or a built DSW 40-M.
It looks like it will be some time before I melt solder again.
I also have a mint Emtech NW 40-M with the CW filter and the adjustable band

width filter.....\$100.00 shipped.

If anyone saw my too other post from Yahoo.com, please let me know.

Thanks

Bob

WA2HOQrp <tm>

Date: Tue, 16 May 2000 01:17:03 EDT
From: GElam30092@aol.com
To: qrp-1@lehigh.edu
Subject: [70316] FS Misc stuff
Message-ID: <13.54ee4a9.265233cf@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

For sale, includes shipping CONUS:

MFJ Morse Code Tutor, MFJ-418, excellent shape	\$60
Vibroplex Brass Racer, excellent shape	\$80
Solder mini-pots, Hexagon, brand new/never used	\$45

You can see the solder pots at

<http://www.contacteast.com/product/prodpage.cfm?grp=4F7A9B34-C870-11D4-8A700050DA5FEB55&sid=F2A71180-2AE0-11D4-A625009027AFC798>

There are two (2) of these 600-W versions available. Both are brand new and have never been used. I found them at a salvage store and figured someone could use them. With shipping included, I'm not making much of anything on them..... just hoping to help someone out who might like one of these.

I'm not sure if I can locate the morse code trainer instructions but will give it my best shot. If I can't find it, we'll find one and I'll pay for someone to copy it and mail it to the buyer. There are no scratches on the LCD either.

Cheers,
Gerry Elam, K7LR0
PHX AZ

Date: Tue, 16 May 2000 01:18:59 -0400
From: Dan Puckett <dpuckett@erinet.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [70317] Re: Movie - Frequency
Message-ID: <3920DA43.73616B41@erinet.com>

MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Ok. Quick quiz.

How many can remember the call of the Dennis Quade character,
but not his name?

Dan

Date: Tue, 16 May 2000 01:17:50 EDT
From: AdamN7YA@aol.com
To: qrp-l@lehigh.edu
Subject: [70318] Re: Altoids Box Rigs?
Message-ID: <60.31fc29a.265233fe@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

In a message dated 5/15/2000 9:23:47 PM Pacific Daylight Time,
k5xu@concentric.net writes:

<< When I first joined this list about 3 years ago, I came in on the end of
some discussion of rigs to fit into an Altoids box. >>

Its been 3 years already??? man, where has the time gone.....

72/73/74...Adam, N7YA
Las Vegas, NV...Zone 03
QRP-L #1608, SOC #143, Y Guy #2
Code Warrior #76, Hamusician #1

Date: Tue, 16 May 2000 01:46:26 -0400
From: Dan Puckett <dpuckett@erinet.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [70319] [DAYTON] WX Report. You knew one was coming didn't you?
Message-ID: <3920E0B2.B866B800@erinet.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi Guys and Gals.

The first extended forecasts have been made. Here's what we got:

Day	Condition	Low	High

Wed:	Rain	60's	70's
Thu:	Possible afternoon t-storms		80
Fri:	Partly cloudy	55	70-75
Sat:	Clearing	50-55	65-70

All and all a pretty typical spring weekend in the Miami Valley

Don't forget your rain gear, your warm clothes, your cool clothes, and your sun screen.

Dan WD8AAU

Date: Mon, 15 May 2000 19:46:00 -1000
From: "Art Neilson, WH7N" <art@pilikia.hi.net>
To: qrp-l@lehigh.edu
Subject: [70320] K8FF paddles
Message-ID: <3.0.6.32.20000515194600.0092c2f0@pilikia.hi.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I've had the K8FF paddle kit laying around for a while, picked it up a few months back from another ham, unbuilt. I remember the silver contacts being offered by someone, and was wondering if there were any sets still around :^). Also I was wondering about the brass parts, are they supposed to be sanded too? What grade of sandpaper? I've been having a hard time finding 50 grit sandpaper for sanding the steel block. A friend suggested an automotive shop such as Napa. Will try there next. Any tips or other info regarding the K8FF paddles is welcome!

--

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--
/  )   _/_  It is a capital mistake to theorise before one has data.
/--/  __ /   Insensibly one begins to twist facts to suit theories,
/  (_/ (_<__ Instead of theories to suit facts.
                -- Sherlock Holmes, "A Scandal in Bohemia"
```

Arthur W. Neilson III, WH7N
Bank of Hawaii Tech Support
art@pilikia.hi.net, aneilson@boh.com, wh7n@arrl.net

Date: Mon, 15 May 2000 23:07:07 -0700
From: Jim/Julia <w7ls@blarg.net>
To: art@pilikia.hi.net
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [70321] Re: K8FF paddles
Message-ID: <3920E58B.15EC72F9@blarg.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I can provide some more silver plated copper key contacts. Same deal as before: Please send me a self addressed, stamped envelope with 33 cents postage, and a buck for a set of 4 contacts. 73 de Jim, W7LS

Jim Hossack
15221 342nd Ave, NE
Duvall, WA 98019

"Art Neilson, WH7N" wrote:

> I've had the K8FF paddle kit laying around for a while, picked it
> up a few months back from another ham, unbuilt. I remember the silver
> contacts being offered by someone, and was wondering if there were any
> sets still around :^). Also I was wondering about the brass parts, are
> they supposed to be sanded too? What grade of sandpaper? I've been
> having a hard time finding 50 grit sandpaper for sanding the steel block.
> A friend suggested an automotive shop such as Napa. Will try there next.
> Any tips or other info regarding the K8FF paddles is welcome!
> --
>
> /__) _/_ It is a capital mistake to theorise before one has data.
> /--/ __ / Insensibly one begins to twist facts to suit theories,
> / (_/ (_<__ Instead of theories to suit facts.
> -- Sherlock Holmes, "A Scandal in Bohemia"
> Arthur W. Neilson III, WH7N
> Bank of Hawaii Tech Support
> art@pilikia.hi.net, aneilson@boh.com, wh7n@arrl.net

Date: Mon, 15 May 2000 22:58:03 -0800
From: Jim Larsen AL7FS <al7fs@pobox.alaska.net>
To: "qrp-l@lehigh.edu" <qrp-l@lehigh.edu>
Subject: [70322] QRP-L CD Version 3 Info on AL7FS website
Message-ID: <3920F17B.F7B3BA02@pobox.alaska.net>

MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I have posted the CD availability message from earlier today on my website for anyone wishing to obtain the QRP-L Version 3 CD-R.
<http://www.qsl.net/al7fs/>

It may be helpful in referring others to the information.

73, Jim

--

Jim Larsen, AL7FS <http://www.qsl.net/al7fs/>
Anchorage, Alaska <mailto:al7fs@pobox.alaska.net>
QRP ARCI #6754 Check out <http://www.qrparci.org/>

Date: Tue, 16 May 2000 00:43:51 PDT
From: "Leon Heller" <leon_heller@hotmail.com>
To: Wn4i@aol.com, qrp-l@Lehigh.EDU
Subject: [70323] Re: The cheapest S/A
Message-ID: <20000516074351.77721.qmail@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

>

>For many yearsI am using my Collins General Coverage receiver 51J4 or
>any well Frequency calibrated receiver or Tranceiver with a good SMeter .

[deleted]

Before the spectrum analyser, there used to be something called a wave analyser. It was basically a wide-band Rx with a signal strength meter connected, as above.

73, Leon

--

Leon Heller, G1HSM
Tel (work): +44 1327 357824 Tel (mobile): +44 79 9098 1221
InfraRed Integrated Systems Ltd., Towcester Mill, Towcester, Northants.,
NN12 6AD, United Kingdom.
Email:leon_heller@hotmail.com
Web page: <http://www.geocities.com/SiliconValley/Code/1835>

Get Your Private, Free E-mail from MSN Hotmail at <http://www.hotmail.com>

Date: Tue, 16 May 2000 03:54:32 -0400
From: "Ron Polityka" <wb3aal@talon.net>
To: ". QRP-L" <qrp-l@Lehigh.EDU>
Subject: [70324] Dayton
Message-ID: <004501bfbf0b\$fa0d8a00\$0fe508cf@wb3aal>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hope to meet everyone at Dayton. This is my first trip to FDIM.

72 & 73
Good DXing

Ron Polityka
de WB3AAL
wb3aal@talon.net

v v v Eastern Pennsylvania QRP Web Page v v v
 <http://www.n3epa.org>
Eastern Pennsylvania QRP Club Call
N3EPA E-mail address: n3epa@talon.net

EPA QRP #1	NJ QRP #179
KL7 QRP # 309	G-QRP # 3031
ARCI QRP # 5318	10 - X #13173
NorCal	Zombie #625
ARS # 380	HI-QRP #153
VA QRP Society #45	Bumblebee #6

Date: Tue, 16 May 2000 01:52:50 -0700
From: Dave Fifield <fifield@pacbell.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [70325] Red Hot Radio - Won't be at Dayton/FDIM after all....

Message-ID: <019d01bfbf14\$1d8a0960\$0100a8c0@pacbell.net>

MIME-version: 1.0

Content-type: text/plain; charset="iso-8859-1"

Content-transfer-encoding: 7bit

Hi Folks,

Sorry to say, I won't be able to make it over to FDI and Dayton after all - I had everything all set to make splash with the Red Hot Radios and the new RHNC20 case design, but it is not to be. We'll roll out the new cases in the next couple of weeks.

I have had a small emergency with the house we just bought and which we are completely remodeling. I need to remain here in San Jose all week plus the weekend to sort everything out.

Have fun guys! See you there another year perhaps.

Cheers es 72,
Dave Fifield, AD6A

Date: Tue, 16 May 2000 06:09:00 -0400
From: "Pastor-KC1DI" <elbc@pivot.net>
To: <pwomble1@tampabay.rr.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [70326] Re: 300 ohm vs 450 ohm twin lead
Message-ID: <005f01bfbf1e\$c2dc3a00\$3910a1d0@elbc>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

----- Original Message -----

From: Paul Womble <pwomble1@tampabay.rr.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Sent: Monday, May 15, 2000 9:47 PM
Subject: 300 ohm vs 450 ohm twin lead

> I use a 44' dipole feed with 450 ohm twin lead with a 4:1 balun. If I
> change to 300 ohm "tv-type" twin lead with the balun will I see a
> difference in performance?
>

> 73
> Paul AJ4Y
Hi Paul,

You will see very little difference.. you'd be better off changing the balun to a 1 : 1 choke model. keep the 450 ohm line.. the impedance of the line is of little concern with a tuner. I'd stick with the 450 ohm stuff.
73 Dave kc1di

Date: Tue, 16 May 2000 06:37:01 -0400
From: Rick Sealey <rsealey@InfoAve.Net>
To: vhuntsinger@iwic.net
Cc: qrp-1@lehigh.edu
Subject: [70327] Re: Source of RG174?
Message-ID: <4.1.20000516063445.0096d100@mail.infoave.net>
MIME-version: 1.0
Content-type: text/plain; charset="us-ascii"

Yep, these folks are a class act.
(Product is good, too.)

Rick - W4SEA

At 08:06 AM 05/14/2000 -0500, you wrote:
>You might try Davis RF. I've found them to be good people to deal with.
>They list RG174 as one of the products they carry.
>
>Web page: <http://www.davisrf.com/ham1/coax.htm>
>
>73,
>Vance, WA9YDJ

Date: Tue, 16 May 2000 07:02:43 -0500
From: "Cal Kutemeier" <ckuter@ix.netcom.com>
To: <dporter@voicenet.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [70328] Re: DSW-XX Which band?
Message-ID: <007801bfbf2e\$a641e380\$06a0aec7@compaq>

MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I have the DSW20. I chose that band as it has better characteristics throughout the day. I have had several QSOs outside the QRP area of 14060 and received 459 to 579 reports, more honest than the contest 55N reports I received. but there are some CW nets via 390 Century Club on 40 and 80 meters, if you are interested in that.

GL

----- Original Message -----

From: David Porter <dporter@voicenet.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Sent: Monday, May 15, 2000 6:49 PM
Subject: DSW-XX Which band?

> It looks like the only rig I'll have for a while after the ticket comes
> will be a DSW. (Plus a Tuna Tin 2, Fireball 40, and a Snap) I like the
> DDS VFO feature and will happily live with the receiver. The question is:
>
> If you have to work just one band, which one would it be?
>
> I won't bias anyone with my thoughts, I just want to hear what everyone
> thinks.
>
> David Porter
> dporter@voicenet.com

Date: Tue, 16 May 2000 08:45:49 -0400
From: "Joe Everhart" <n2cx@voicenet.com>
To: "QRP-L" <qrp-l@Lehigh.EDU>
Cc: "NJ-QRP" <njqrp@njqrp.org>
Subject: [70329] Diode faq
Message-ID: <000301bfbf34\$c21dca00\$1d5847d1@herong>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Gang,

This really **is** qrp-related, as least so far as we are interested in electronics.

A fella here at work clued me into this need diode faq.

Check it out! Hmmm, they talk about a horseradish diode, but no lemon-powered rigs...

<http://www.avtechpulse.com/faq.html/>

Joe E.

Date: Tue, 16 May 2000 08:14:04 -0600
From: Bruce Kizerian <kizerian@ced.utah.edu>
To: qrp-l@Lehigh.EDU
Cc: charles.kitchin@analog.com
Subject: [70330] HB: Stabilizing a Regen Receiver
Message-ID: <392157AC.2B66AC71@ced.utah.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

This is still a work in progress, but I wanted to share it, hoping that others would try it and help refine the approach.

I have come up with a way which seems to stabilize the regeneration in a regen receiver (the Kitchin bipolar circuit) so that the regeneration control is very smooth. It may result in a slight loss of sensitivity, but that can be made up elsewhere. This is done by placing a

low capacitance, high frequency, low leakage, Schottky diode

(1N6263, 1N5711, etc.) from the base of the transistor to the collector (anode to base, cathode to collector). This is the familiar technique used in Schottky logic devices to increase switching speed by preventing a bipolar transistor from going into saturation. In my experience, a bipolar

transistor on the brink of saturation is a rather unstable device. So, this is how I think (?) the diode works in the radio. Normally, advancing the regeneration control too far past the "optimum" point drives the transistor into saturation. Since the Schottky diode has a lower forward voltage drop than the transistor it will begin to conduct before the transistor goes into saturation. As far as I can tell, this has two effects on the regenerative detector. The

first is saturation prevention as has already been mentioned. The second is a loading effect on the LC circuit.

The diode begins drawing current from the base circuit, thus loading down (reducing Q) of the resonant circuit. The effect takes place quite gently which is why the transistor now breaks very smoothly into regeneration.

This approach, also, seems to allow the regen transistor to operate at a higher voltage. In one experiment I ran the detector with the full battery voltage of 9 volts.

Because this modification has such a dramatic effect on the performance of the receiver, you will probably need to re-optimize the value of the regen pot, feedback capacitor, and the position of the tap on the antenna coil.

Try this out and post feedback. I believe this idea is worth pursuing.

Bruce kk7zz

Date: Tue, 16 May 2000 08:27:53 PDT
From: "Doug Hendricks" <ki6ds@hotmail.com>
To: qrp-l@lehigh.edu
Subject: [70331] Ft. Smith P-TiCK: KI6DS makes error in manual.
Message-ID: <20000516152753.89486.qmail@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Darn, darn, darn. One of the builders of the P-TiCK kit from the Ft. Smith QRP Group has discovered an error in the manual. The wiring diagram on the first page is wrong. R1 should go from pad 5 of the IC to the middle lead of Q1. The keyline should go from the right hand lead as shown on the drawing that is on the first page of the manual. In other words, switch R1

and the keyline leads. C3 should go from pad 5 to ground. Sorry for the confusion. Operator error (meaning the dummy doing the cad drawing, me!!).

The bad news is that Jay Bromley will not be at Dayton. The "Hangin' Judge", Kelsey, won't let him off work. But the good news is that he is sending 50 of the P-TiCK kits which will be available from me at the hospitality room on all three nights. The cost is only \$10 and that includes all parts, including the TiCK chip, to build a nice set of paddles and a keyer! What a deal! Fun project, and you get a very usable keyer and paddle. But don't hesitate, as I only have 50 available, and they will go fast.

See you in Dayton. 72, Doug

Get Your Private, Free E-mail from MSN Hotmail at <http://www.hotmail.com>

Date: Tue, 16 May 2000 08:34:38 -0700
From: Allan G Taylor <k7gt@qsl.net>
To: dporter@voicenet.com, qrp-1@lehigh.edu
Subject: [70332] Re: DSW-XX Which band?
Message-ID: <39216A8E.2FE3@qsl.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

If I were to choose just one band to work, it would definitely be 40m. For the time of day I have to play radio (early morning, evenings and often LATE evenings) it is the band of choice for almost the entire sunspot cycle. Also it is a friendlier band than 20m, the runner-up choice. A further reason is that 40m will allow you to meet, on the air, the local QRP ops. By local I mean within 300-400 miles, available during the daytime. These fellas (and gals perhaps) will be a great source of comradeship and advice. And I am sure that there will be plenty of action in the evenings as well, although the noise level sometimes engulfs the little signals from a QRP rig.

20m would be the 2nd choice. There is lots of action around 14060, especially nice for those living east of the rockies. It is tougher from the far west coast (I live in the SF CA area) as the first hop often comes up a bit shy for contacts east of the Mississippi. I seem to be able to put a great signal into UT and CO. Great for chats with coyotes and marmots.

30m has never done all that much for me. I have had a few good contacts there but either it is mostly dead with a DX pileup down there or full

of lazy ragchews spaced such that finding a truly clear spot is rough to do.

80m. Forget it. Cut your QRP teeth somewhere else and try 80m when you have more experience, if at all.

My primary interest in QRP is backpack portable. I ALWAYS take a 40m rig, only occasionally taking a 20m rig.

Please post your choice. By the way, you didn't give your location. That has a fair amount to do with your choice.

73 K7GT Allan

--

Allan Taylor K7GT k7gt@qsl.net

Date: Tue, 16 May 2000 09:38:11 -0500
From: Karl Kanalz <KKanalz@excel.com>
To: "'leon_heller@hotmail.com'" <leon_heller@hotmail.com>, Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [70333] RE: The cheapest Spectrum Analyzer
Message-ID: <2D343922E283D211945C0008C7A41B2A02B20B6D@adntex01.adsn.dal.excel.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

In fact, Leon (and all interested), Collins Radio made an h.f. spectrum analyzer using just that technique, with a 51J-x receiver as the "front end", a wide assortment of i.f. filters (in the receiver itself), and a "Singer Parametrics" panadaptor (a precursor to spectrum analyzers at low frequencies) to look at the output of the receiver's i.f. strip! The whole thing, mounted in a six-foot rack cabinet, had several precision attenuators and other "stuff" -- enabling the user to look at IMD in transmitters and amplifiers, birdies, etc.... it was expensive, of course, but well before Hewlett-Packard produced a useable spectrum analyzer of their own.

Karl K - W8TIF
McKinney, Texas

-----Original Message-----

From: Leon Heller [mailto:leon_heller@hotmail.com]
Sent: Tuesday, May 16, 2000 2:44 AM
To: Low Power Amateur Radio Discussion
Subject: Re: The cheapest S/A

>

>For many yearsI am using my Collins General Coverage receiver
51J4 or

>any well Frequency calibrated receiver or Tranceiver with a good
SMeter .

[deleted]

Before the spectrum analyser, there used to be something called a wave
analyser. It was basically a wide-band Rx with a signal strength meter
connected, as above.

73, Leon

--

Leon Heller, G1HSM

Date: Tue, 16 May 2000 11:17:33 -0400
From: "Ed Tanton" <n4xy@att.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [70334] RE: Source of RG174?
Message-ID: <CKEGICNFDIMCEKEDCEHFGELMCGAA.n4xy@att.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="us-ascii"
Content-Transfer-Encoding: 7bit

DITTO: I cannot recommend Steve Davis / Davis RF highly enough!!!

73 Ed Tanton <n4xy@arrl.net> K2# 0057 (FT)

website: <http://www.qsl.net/n4xy/>

///snip

>

> Yep, these folks are a class act.

> (Product is good, too.)

>

> Rick - W4SEA

>

>

> At 08:06 AM 05/14/2000 -0500, you wrote:
> >You might try Davis RF. I've found them to be good people to deal with.
> >They list RG174 as one of the products they carry.
> >
> >Web page: <http://www.davisrf.com/ham1/coax.htm>
> >
> >73,
> >Vance, WA9YDJ
>
>

Date: Tue, 16 May 2000 12:08:21 -0400
From: "Dieter \((Diz\) Gentzow W8DIZ" <w8diz@cinci.rr.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [70335] Re: Source of RG174?
Message-ID: <015801bfbf50\$f515f8d0\$1461a518@cinci.rr.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Ditto on <http://www.davis.com> .
I bought 1,000 feet of 14/7 hard drawn copper...
received it very fast AND the best price in town.

73 & "oo's" - Dieter (DIZ) Gentzow - W8DIZ - Loveland, Ohio
Clermont County - EM79uf - near Cincinnati; 39.218N - 84.305W
FPqrp-1 SOC-8 DLQRPAG-1454 ARCI-10226 QRPL-1998 10X-9389 CATT-26 K2-493
<http://home.cinci.rr.com/w8diz> [AOL-IM "w8diz"]

----- Original Message -----
From: "Ed Tanton" <n4xy@att.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Tuesday, May 16, 2000 11:17 AM
Subject: RE: Source of RG174?

> DITTO: I cannot recommend Steve Davis / Davis RF highly enough!!!
>
> 73 Ed Tanton <n4xy@arrl.net> K2# 0057 (FT)
>
> website: <http://www.qsl.net/n4xy/>
>
> ///snip
> >
> > Yep, these folks are a class act.

> > (Product is good, too.)
> >
> > Rick - W4SEA
> >
> >
> > At 08:06 AM 05/14/2000 -0500, you wrote:
> > >You might try Davis RF. I've found them to be good people to deal with.
> > >They list RG174 as one of the products they carry.
> > >
> > >Web page: <http://www.davisrf.com/ham1/coax.htm>
> > >
> > >73,
> > >Vance, WA9YDJ
> >
> >

Date: Tue, 16 May 2000 06:59:20 -0800
From: Jim Larsen AL7FS <al7fs@pobox.alaska.net>
To: Goran Hosinsky <hosinsky@royac.iac.es>, "qrp-1@lehigh.edu" <qrp-1@lehigh.edu>
Subject: [70336] Re: Postal costs for the QRP cd?
Message-ID: <39216248.25051124@pobox.alaska.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi Goran,

Good question. Give me a couple of hours and I will let you know. I am leaving with my wife for coffee shop right now. I will be back in about 90 minutes and check.

73, Jim
Jim Larsen, AL7FS <http://www.qsl.net/al7fs/>
Anchorage, Alaska <mailto:al7fs@pobox.alaska.net>
QRP ARCI #6754 Check out <http://www.qrparci.org/>

Goran Hosinsky wrote:

>
> Hello,
>
> How much money should I send you to get the CD sent to
> Europe?
>
> 73

> Goran ea8yu

--

Date: Tue, 16 May 2000 07:02:13 -0800
From: Jim Larsen AL7FS <al7fs@pobox.alaska.net>
To: Donny Sirait <yb1bod@arrl.net>, "qrp-1@lehigh.edu" <qrp-1@lehigh.edu>
Subject: [70337] Re: QRP-L CD rom to YBland
Message-ID: <392162F5.70246612@pobox.alaska.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Donny Sirait wrote:

>
> Dear Jim,
> I'm wondering what will be the cost of
> the CD for me in YB land?
> Hope to hear from you again very soon.
>
> Vy 72 de YB1BOD ex YB6LD
> Donny Sirait
> Bekasi Indonesia

Here is what I told Goran. I will double check for you, too. Gotta run, my wife is in the car waiting. Jim

Subject: Re: Postal costs for the QRP cd?

Hi Goran,

Good question. Give me a couple of hours and I will let you know. I am leaving with my wife for coffee shop right now. I will be back in about 90 minutes and check.

73, Jim
Jim Larsen, AL7FS <http://www.qsl.net/al7fs/>
Anchorage, Alaska <mailto:al7fs@pobox.alaska.net>
QRP ARCI #6754 Check out <http://www.qrparci.org/>

Goran Hosinsky wrote:

>
> Hello,
>

> How much money should I send you to get the CD sent to
> Europe?
>
> 73
> Goran ea8yu

--

--

Jim Larsen, AL7FS <http://www.qsl.net/al7fs/>
Anchorage, Alaska <mailto:al7fs@pobox.alaska.net>
QRP ARCI #6754 Check out <http://www.qrparci.org/>

Date: Tue, 16 May 2000 10:23:42 -0700
From: "n6wg:First n6wg:Last" <n6wg@earthlink.net>
To: <qrp-1@Lehigh.EDU>
Subject: [70338] Re: Altoids Box Rigs?
Message-ID: <004301bfbf5b\$7ea169e0\$4ed7fc9e@oemcomputer>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Mike

One candidate would be the MRX receiver. I built the MRX and the TT2 in separate small flavored coffee tins, but the MRX would also fit an Altoids can.

73, Bob N6WG

Date: Tue, 16 May 2000 13:05:06 -0400
From: "Mike Yetsko" <myetsko@insydesw.com>
To: "QRP Mail List" <qrp-1@lehigh.edu>
Subject: [70339] OT: OTHER QRP stuff
Message-ID: <002901bfbf58\$e552cf60\$2101a8c0@insydesw.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

How many people are QRP for other things? Like solar power?
Pool Heaters? Water heaters? Home environment?

I was just thinking the other day whether it was better to have a water heater that limits power during the day, or to go with an 'on demand' heater. I figured the people here would know.

And I want to keep my daytime power down to my pool, so solar heating there is next.

So, the radios are QRP, what else do people take it to?

Mike

Date: Tue, 16 May 2000 16:03:42 EDT
From: FrConrad@aol.com
To: qrp-l@lehigh.edu
Cc: frconrad@earthlink.net
Subject: [70340] Wishing to speak to the Big Kahuna
Message-ID: <6a.2d8d9b7.2653039e@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Would the List Manager, Big Kahuna, Queso Grande, etc., please drop me a line?

Thanks,

John+

Date: Tue, 16 May 2000 13:56:06 PDT
From: "Doug Hendricks" <ki6ds@hotmail.com>
To: qrp-l@lehigh.edu
Subject: [70341] FUN: Leaving for Dayton
Message-ID: <20000516205606.6010.qmail@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Guys, I am ready to head out the door. I have my shopping list. A note to remind Nils that he still owes me a Brat (Sp?). 100 SMK-1 KIits, 100 NorCal BLT Tuner kits, money, Jim has the plane tickets. Sorry that Dave Fifiled won't be able to make the trip. I'll still be in the Embedded Research booth with SMK-1's and BLT's from 1:00 to 2:30 on Friday and Saturday. We will also have them available at the NJ QRP Club table at the Ramada (sure

hope they really did remodel, I'll give you a report when I return). Jim, Vern Wright, Roy Campbell and I will arrive at the hotel about 6:30 PM Weds. night. Going to Sacramento to stay with my daughter and then early to catch a 6:22 AM flight out to Chicago, then Dayton.

One final reminder. There will be lots of neat club kits available this year. NJ has the Tuna Tin 2, SOP Receiver, Fireball 40, SMK-1 case kit (you gotta see the manual on that baby, wow!!!!!!) and a new kit that will knock your socks off if you want to try PSK31. Ft. Smith QRP Group will be represented with their P-TiCK Paddle/Keyer combination for ONLY \$10, and NorCal will have SMK-1's and BLT's. It is great to see all of this kit activity by the clubs. See you there.

Oh, anyone know what the weather forecast is for Dayton? Please post. 72, Doug, (I'll be the guy with the BIG GRIN on his face having FUN).

Get Your Private, Free E-mail from MSN Hotmail at <http://www.hotmail.com>

Date: Tue, 16 May 2000 15:56:07 -0400
From: joe lerch <jl@early.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [70342] Re: OT: OTHER QRP stuff
Message-ID: <00051615564200.00264@->
Content-Type: text/plain
MIME-Version: 1.0
Content-Transfer-Encoding: 8bit

On Tue, 16 May 2000, you wrote:

> How many people are QRP for other things? Like solar power?
> Pool Heaters? Water heaters? Home environment?

How about QRP sex?

Date: Tue, 16 May 2000 09:26:31 -0700
From: Allan G Taylor <k7gt@qsl.net>
To: qrp-l@lehigh.edu
Subject: [70343] Trade?: K2 for QRO xcvr?
Message-ID: <392176B7.27C4@qsl.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

My K2 is collecting dust (figuratively) and under a stack of papers.
I am toying with making a trade toward a conventional (QR0) xcvr to be
used at a second station I am assembling back home in Oregon

.
The K2 is S/N 157 and works well. The SSB module with upgraded control
chip awaits construction and installation. I also have the Yaesu
FT100 knob that would be part of a package. I value the gear at
\$700 firm although I am NOT interested in a cash sale.

Gear that I may be interested in trading for or toward are
the following:

Tentec Corsair II if with external VFO and p.s.

Tentec OmniVI, option III upgrade

TS940 TS950 TS870 TS570

FT920 FT1000MP IC706 Mark II or Mark IIG

or, as if anyone here would have one,

Tentec Hercules II linear with p.s.

No, I am NOT interested in a Tentec Scout, OmniV, SGC2020, FT840,
IC706 (Mark I) or anything using tubes.

Condition and proper operation of any rig to be traded will be
verified independently and in advance.

Please, no advice responses like " Why would you want to do this", etc.
Both of us have better things to do. Also NO posts in reply to QRP-L.

thanks and 73 Allan K7GT
Pleasanton CA

--

Allan Taylor K7GT k7gt@qsl.net

Date: Tue, 16 May 2000 13:44:26 -0600 (CST)
From: Bruce Rattray <rattray@gpfn.sk.ca>
To: QRP-Canada <qrp-canada@lists.gpfn.sk.ca>, Low Power Group <qrp-l@LeHigh.EDU>
Subject: [70344] QRPp
Message-ID: <Pine.LNX.3.95.1000516134144.14579A-1000000@neale.gpfn.sk.ca>
MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

WOW!.....another super issue of QRPp, Winter 1999, arrived today and what winner!....thanks a million to everyone involved in producing this fine issue..

..72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683 Zombie#272
A-1 Operator Club - 10/10# 944 - SOC #11 & #12 - Whiner#10 -
"QRP! How sweet it is!" "I am da man wit "DAH" paddle!"

Date: Tue, 16 May 2000 14:06:57 -0500
From: "Cla KA0GKC" <ka0gkc@arrl.net>
To: <k5xu@concentric.net>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [70345] Re: Altoids Box Rigs?
Message-ID: <013701bfbf69\$f08b5e40\$0200000a@mcg.net>

Now that "Manhattan" style construction and surface mount components are all the rage the options to placing radios in Altoids tins has greatly expanded.

A good start would be an SMK-1. If you don't mount the pots on the board and use miniature pots mounted through the lid the board just fits. In fact, you can actually fit it in an Altoids box using the standard pots installed as supplied, but the shafts will come out the front and require modification to the front lip of the lid. But I think it would fit.

Other possible options would be the Pixie, 49er, MRX/TT2(SMK-1), neophyte/cubic incher, and SST circuits to name a few. All of these circuits are simple enough that a well planned Manhattan style construction could be done in an altoids tin. You could even use the tin as the building surface ground plane instead of a piece of circuit board as it solders very easily.

Hope this Helps.

73 de Cla KA0GKC

Date: Tue, 16 May 2000 14:23:51 -0500
From: "Cla KA0GKC" <ka0gkc@arrl.net>
To: <myetsko@insydesw.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [70346] Re: OTHER QRP stuff
Message-ID: <018a01bfbf6c\$c1cbdf00\$0200000a@mcg.net>

Check out <http://www.homepower.com> this site has lots of info on alternate energy and energy saving techniques. Also there is an alternative energy newsgroup.

Both of these resources will be more helpful and more appropriate then the QRP-L reflector.

73 de Cla KA0GKC

Date: Tue, 16 May 2000 16:24:09 EDT
From: N9DD@aol.com
To: qrp-l@lehigh.edu
Subject: [70347] New Elecraft Rig
Message-ID: <be.3eba8fb.26530869@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Hi Gang

I'm suprised the list isn't flooded with info on this yet...

Check out <http://www.elecraft.com>

They have a new 2-band transceiver kit. Looks great!

See y'all at Dayton!

Tom Frisz N9DD
South Bend, IN

Date: Tue, 16 May 2000 15:13:28 -0400
From: Michael Ostrowski <mostrowski@CreativeSolutions.com>
To: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [70348] [DAYTON] RE: Hamvention QRP vendor list
Message-ID: <C17F1AF032ECD21180C100A024BB8E2E02069FBD@bruiser.creativesol.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

First off, the list works best when viewed using a fixed

font like courier or terminal.

Secondly, I'd like to thank all the vendors who took time to respond to my request and made this list possible. Also thanks goes to all those who thought this list was a good idea and dropped me a note of encouragement.

I heard from most all indoor QRP vendors but as you can see the number of outdoor vendors is lacking. If there is enough interest I'll try this again next year. While I'm browsing the outdoor exhibitors this year I hope to collect contact info from the ones who are selling QRP items so I can expand the outdoor section of the list next year.

If you come across an interesting dealer please ask for their contact info and pass it along to me so that I can include them also.

Let me know if you actually use any of this info and find it helpful.

72 & see you there!

Mike

Date: Tue, 16 May 2000 15:13:10 -0400
From: Michael Ostrowski <mostrowski@CreativeSolutions.com>
To: Low Power Amateur Radio Discussion <qrp-l@lehigh.edu>
Subject: [70349] [DAYTON] Hamvention QRP vendor list
Message-ID: <C17F1AF032ECD21180C100A024BB8E2E02069FBC@bruiser.creativesol.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

VENDOR	BOOTH	PRODUCT
Bencher	53	Paddles, keys
MFJ Enterprises	62	90xx QRP xcvs (40,30,20,17,15)
	83	New 93xx QRP-Cub xcvr
	(80,40,30,20,15)	Keys and keyers.
Fists CW Club	100c	Club membership
Cable X-Perts	175	ICE Filters, copperweld
	187	Ground braid

Elecraft	196 Elecraft manufactures the K2, a complete HF (160-10M) CW/SSB transceiver kit. Elecraft will also be unveiling a new kit at Dayton.
Aventrade	200 Yuasa sealed lead/acid batteries
Embedded Research Enclosures.	205 TiCK Chips, TiCK kits, TiCK AF-224 Audio filter kits (for argosy). NorCal Doublet Antennas (\$1ea). Paddlette K-4 iambic, KP-4 key/keyer. SMK-1 kits \$30, BLT tuner kits \$25.
Bulldog Keys	206 Bulldog QRP iambic key for \$19.95, NEW! Bulldog one cubic inch Mini Key for \$29.95 and all W9XT products, including the XT4 memory keyer, will be available for immediate purchase.
Michigan QRP Club Small Wonder Labs	241 Club membership Kits, including the new 20M PSK31
G-QRP Club	242 G QRP Club Logo Items "William of Occum" tee-shirts Books, Kits .. including a new one Morse keys, Back issues of SPRAT
QRP-ARCI	243 Club membership, logo articles, etc.
Vibroplex	303 Paddles, keys
Amateur Radio Wise LDG Electronics	332 Patcomm PC-9000, SG-2020 xcvs. LDG QRP tuner, wattmeter, Balun box.
RF Parts	363 Transistors
Kanga US	514 Club memberships QRP Kits from Kanga Products and

Hands Electronic.
QRP kits based on designs by KK7B.
Spectrum Analyzer "kit" based on
QST Article by W7ZOI/K7TAU.
QRP Books.
DK9SQ Mast and antennas (available
at evening functions only - unless
DK9SQ sells out at the Hamvention).
Toroids.

Ten-Tec 548 Kits for 20m, 30m, 40m and 80m.
 NEW HF rig w/pwr adj dwn to 1W.

Ham Contact 570 Portable power sources,
 Gell cell batteries, solar cells

W0TOK Books 2615 Many of the QRP books

North Ottawa ARC 2616 TE NE KE, a small well constructed
 iambic key made by the club \$36.

Ontario Surplus 3301 Portable 35-75' towers
 1/2" superflex jumper assemblies

WA8CDU 3324 Heathkit HW-8s

W9GTA 3367 Portable and limited space antennas,

 accessories for the traveling ham,
 and possibly a few rigs.

Date: Tue, 16 May 2000 16:36:14 -0400
From: "Jim Kortge, K8IQY" <jokortge@prodigy.net>
To: qrp-1@lehigh.edu
Subject: [70350] 2N2/6 Information
Message-ID: <3.0.1.32.20000516163614.007e01f0@pop.prodigy.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Greetings All,

I just added a bunch of information to my web page at:

<http://www.qsl.net/k8iqy>

for the 2N2/6, 40 meter to 6 meter CW transverter that was featured in the 1999 Winter Issue of QRPp. Included on the site is the missing schematic of the little alignment oscillator that got left out of the article. Go to the 2N2/6 link near the top of the main page and follow from there. There are also several colored pictures posted, showing how the rig was built, with a tad of dialog. All the schematics for the full rig are also there.

72, enjoy, and see all that are going to Dayton there. I'll have the 2N2/40 rigs, 2N2/6, and what is done on the 2N2/15 with me. You can even listen to the 2N2/15, since it now hears.

Jim, K8IQY

Date: Tue, 16 May 2000 11:39:42 -0700
From: "Rich Wilkerson" <richqrp@home.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [70351] sorry just a test
Message-ID: <000d01bfbf66\$19824380\$f5460418@elcjin1.sdca.home.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

having trouble with my E-mail test

Date: Tue, 16 May 2000 14:25:03 -0400
From: "John J. McDonough" <wb8rcr@arrl.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Cc: "David Matthews VK2KFA" <vk2kfa@yahoo.com>, "Jon Iza EA2SN" <ea2sn@arrl.net>, "Christian Void" <cvoid@netcom.com>, "Michael Bower N4NMR" <bowerm@ix.netcom.com>, "Jim Larsen AL7FS" <al7fs@pobox.alaska.net>, "Sam Daniel" <daniel@netcom.com>
Subject: [70352] QRP-L CD's
Message-ID: <003701bfbf64\$1108fde0\$010044c0@Conor.baycty1.mi.home.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Gang

The Version 3 QRP-L CD's are now in circulation. I gather from some of the volunteers that at least some word of this has gotten around, but I've been off on vacation and I see my QRP-L folder has around 400 messages for me to wade through, so I haven't yet read the relevant messages. I gather Jim did a good job, tho.

This is the same deal as before, the volunteer distributors have the choice of offering it for \$10 to cover the cost of duplication, mailing, etc., or requiring you to send them a blank CD-R in a self-addressed, prepaid CD mailer. The idea here is that the volunteer distributors shouldn't pay more than their time to get these things out. But the choice is the volunteer's as to whether it's the prepaid mailer/cd or ten bux. I think you can understand that some will want to prepare a bunch ahead of time using a brand of CD they trust and potentially mailers that they can easily address. Others will prefer not to deal with money through the mail.

All (2) of the stateside volunteers have indicated that they have received the CD's, and another has a mailer on the way to me. The DX volunteers will announce when they have received their CD's. For those of you across the pond wondering whether to load up a mailer with U.S. postage, there are volunteers in Australia, Spain and the U.K. Obviously, the cost might be a little higher overseas since postage will vary depending on where you are relative to the volunteer distributor.

72/73 de WB8RCR <http://members.home.com/wb8rcr/index.htm>
didileydadidah QRP-L #1446 Code Warriors #35

Date: Tue, 16 May 2000 10:21:45 -0700
From: "n6wg:First n6wg:Last" <n6wg@earthlink.net>
To: <qrp-l@Lehigh.EDU>
Subject: [70353] Re: 300 ohm vs 450 ohm twin lead
Message-ID: <003f01bfbf5b\$3720f860\$4ed7fc9e@oemcomputer>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Paul

You didn't mention whether the antenna is used on multiple bands with a tuner, or optimized for a single band.
If your 450 ohm feedline length has been adjusted to give 50 ohms through the 4:1 balun on a specific band, then changing to 300 ohms will change that

slightly. You would have to shorten the feed line slightly to compensate for the velocity factor of the 300 ohm twinlead.

That's kind of a long winded way of saying, "It depends." :-)

Let us have some more info, and maybe someone can give you a more precise answer.

73, Bob N6WG

Date: Tue, 16 May 2000 12:44:44 -0700
From: Eric Swartz WA6HHQ - Elecraft <eric@elecraft.com>
To: QRP-L <qrp-l@lehigh.edu>
Subject: [70354] New Product: Elecraft K1 Two-Band HF Transceiver
Message-ID: <3921A52C.3DEFE434@elecraft.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi,

We're pleased to introduce the Elecraft K1 Two-Band HF Transceiver. Photos and complete details can be found at: <http://www.elecraft.com>

We will also be showing the K1 at our Dayton Booth #196 later this week.

The K1 is a two-band, 5-watt CW transceiver kit. It's ideal for first-time builders, with our modular, "wireless" construction, all through-hole parts, and comprehensive assembly manual. But its small size (2.2"H x 5.2"W x 5.7"D), low current drain (under 50 mA), and wide range of features will appeal to those looking for a miniature, high-performance travel radio.

Standard features include:

- large, easy-to-read LCD
- RIT and XIT (receive and transmit incremental tuning)
- 10-turn coverage of each CW band (up to 150 kHz)
- stable, low-noise, analog VFO
- memory keyer w/auto-repeat; Iambic modes A and B; paddle reverse
- user-settable sidetone pitch (10-Hz steps) and volume
- smooth, diode-switched full break-in
- easy-to-use menu system for customization and calibration
- switchable AGC and attenuator
- built in wattmeter, freq. counter, and supply voltage monitor
- S/Rf bar-graph display

Options include: noise blanker, additional 2-band filter boards, and our unique Ground-Mount Bracket for trail use (see below).

The K1 can be built for your choice of two HF bands, a big advantage over monoband rigs for either QRP or portable use. The standard configuration is 40 and 20 meters (*). Combined, these two popular bands offer day or night operation, and reliable world-wide communications at home or on the road. They're also the "big two" on Field Day and for QRP contests.

The lightweight KBR1 ground-mount bracket converts the K1 into a "trail-friendly" radio, allowing stable operation on rough surfaces while positioning the front panel at the optimal viewing angle. It can also be used for desktop or mobile mounting, and packs neatly into a single 4" x 5.3" unit for travel. (See link above for photos.)

The K1 is styled to match our all-band SSB/CW transceiver, the K2, and features the same rugged, attractive, textured-finish cabinet. We hope you'll find the K1 an exciting addition to our product line!

Please refer to our web pages for pricing and availability (<http://www.elecrafter.com>), or call 831-662-8345, or send e-mail to sales@elecrafter.com.

(*) Other bands to be announced.

73, Eric (WA6HHQ) and Wayne (N6KR)

--

<http://www.elecrafter.com>

Date: Tue, 16 May 2000 11:43:48 -0600
From: "Rod, N0RC" <n0rc@qsl.net>
To: "qrp-1" <qrp-1@Lehigh.EDU>
Cc: <nn1g@earthlink.net>
Subject: [70355] PSK-31 QSOs with PSK-20 AT LAST!
Message-ID: <002f01bfbf5e\$5c695060\$1d8a1004@compaq>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Folks I got it done!

This morning I had my first solid PSK31 QSO.

!!! H A P P Y D A N C E !!!

First was KS7N, Jeff in Portland. 599 with QSB. Jeff enjoyed the QSO with the PSK-20 on my end, he has been looking to buy one!

Then, K6AA a club station from: SAN PEDRO AND MARITIME MUSEUM, UNITED RADIO AMATEUR CLUB. OP was BOB, WB6YJE. Very solid sig from his end. He was 100W with beam 100ft above the bay! Reporting clean sigs and solid copy from my end.

This PSK stuff is a lot of fun, having a blast. The PSK-20 is a definite keeper. Hope to find some QRP-Lers on PSK soon. PSK-31 net mode could be a lot of fun!

72/3 Rod, N0RC -- Fort Collins, CO

Date: Tue, 16 May 2000 16:16:35 -0500
From: Bcieslak@ra.rockwell.com
To: qrp-l@lehigh.edu
Subject: [70356] DX reference program in VB
Message-ID: <0F3D2C16B1.878DF7DB-0N862568E1.0074511A@ra.rockwell.com>
MIME-Version: 1.0
Content-type: text/plain; charset=us-ascii

Just threw a new program up on the QRP cheeseheads web page. Its a nice little program in which you enter a callsign and it returns the associated DX country. It is written in Visual Basic and is called DXChecker .exe . It is a spin off from a larger program I am writing but thought some of you budding DX hunters may enjoy it. I'll get the source up there in the next few days so you DOS bound Quick Basic programmers can use it too.

<http://www.qsl.net/nq9rp/computerhamming.html>

Brian AE9K

Say hi to the Cheeseheads ARC when you see them at Dayton.

Date: Tue, 16 May 2000 14:56:55 EDT

From: RangerSF5@aol.com
To: k7gt@qsl.net, qrp-1@lehigh.edu
Subject: [70357] Re: DSW-XX Which band?
Message-ID: <14.3a75f0a.2652f3f7@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

In a message dated 5/16/00 11:52:15 AM Eastern Daylight Time, k7gt@qsl.net writes:

<<
Please post your choice. By the way, you didn't give your location.
That has a fair amount to do with your choice.
>>

I agree with you Allen.
40-Meters is THE band that I use most.
20-M is ok but the problem with the higher bands is that many others use beams.
You hear stations calling CQ off the sides and back of the beam but they can't hear you.
When 40-M is open I work the down under hams and even get into Japan from the East coast here on 5 watts.
In fact VK stations are a regular here on good nights.
Reason I'm getting the DSW 40-M
My 00000.000002cents worth.
Bob
WA2HOQrp <tm>

Date: Tue, 16 May 2000 17:22:19 EDT
From: RangerSF5@aol.com
To: qrp-1@lehigh.edu
Subject: [70358] ATTN.....Joe Grib,,,,KI3B
Message-ID: <28.5b2e9d3.2653160b@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Joe,
You'r checked showed up.
I can't get through to you via the phone.
You told me that you wanted this rig.
I have mailed you from AOL and Yahoo.com three times.(NO RESPONSE)
Please let me know what to do.
Thanks

Bob
WA2HQrp <tm>

Date: Tue, 16 May 2000 13:32:09 -0700
From: Mighty Mik <mitymik@wenet.net>
To: "qrp-1@Lehigh.EDU" <qrp-1@Lehigh.EDU>
Subject: [70359] o'scopes...
Message-ID: <3921B049.17FDEC97@wenet.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

there were several mentions of an individual that has good prices on
used 'scopes...i'm not ready to buy, but i am ready to start looking for
one. suggestions?

Date: Tue, 16 May 2000 14:30:48 -0700 (PDT)
From: "Robert P. Okas" <vintage@best.com>
To: N9DD@aol.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [70360] Re: New Elecraft Rig
Message-ID: <Pine.BSF.4.21.0005161429560.18035-1000000@shell14.ba.best.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

First I noticed, honest to God, is the countersunk screws! Cute little
rig!

73,
Bob - W3CD

On Tue, 16 May 2000 N9DD@aol.com wrote:

> Hi Gang
>
> I'm suprised the list isn't flooded with info on this yet...
>
> Check out <http://www.elecraft.com>
>
> They have a new 2-band transceiver kit. Looks great!
>

> See y'all at Dayton!
>
> Tom Frisz N9DD
> South Bend, IN
>

Date: Tue, 16 May 2000 14:30:27 -0700
From: Mike Gipe <mgipe@reliablemeters.com>
To: "QRP-L list (E-mail)" <qrp-l@Lehigh.edu>
Subject: [70361] New Elecraft rig
Message-ID: <F988E2FF74F4D111A61F00A0C949D7A928EBF5@mission>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

Check out the new Elecraft kit at www.elecraft.com

Mike K1MG

Date: Tue, 16 May 2000 10:38:35 -0800
From: Jim Larsen AL7FS <al7fs@pobox.alaska.net>
To: "qrp-l@lehigh.edu" <qrp-l@lehigh.edu>
Subject: [70362] QRP-L CD Ver. 3 Info Update - AL7FS - PayPal and International Info.
Message-ID: <392195AB.8B87E581@pobox.alaska.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I have placed the Original QRP-L CD Ver. 3 Information on my website.
This update includes PayPal information and notes on how I will handle
overseas mailing. I will try to get it on my website later today.

PayPal Information

I have a PayPal account now that I can use to receive payment by
MasterCard or Visa. I am new to PayPal today so I hope this works.
PayPal is available at <http://www.PayPal.com> Feel free to use my email
address as the referring party if you set up a new account. :-)

My email address for PayPal is AL7FS@pobox.alaska.net Jim Larsen

If you chose to use this method you need to email me with your

information.

For now let's try this method.

General Guidelines

Email Subject:

** QRP-L CD order from <your call> via PayPal

Text:

** Repeat your PayPal email address (for all I know, I get an email via PayPal-I'm new to this, as I said)
** Provide your mailing Name and address separated by 2 or 3 lines above and below so I can cut it out and tape to the mailer.
** Add any other comments on the bottom of the message as needed.

International Mailings

It looks like the package will weigh less than 3 ounces. I believe the \$10 will cover the International postage just fine as long as I don't get into customs expenses. I sure hope I won't have to fill out the stick-on customs form for each one but if so, that's just the way it goes.

Therefore, \$10 USD will cover the QRP-L CD at least from my perspective for International as well as domestic. I cannot speak for the other CD makers that will soon be appearing on the list.

Goran and Donny have been Cc copied on this message.

Have fun,
73, Jim

--

Jim Larsen, AL7FS <http://www.qsl.net/al7fs/>
Anchorage, Alaska <mailto:al7fs@pobox.alaska.net>
QRP ARCI #6754 Check out <http://www.qrparci.org/>

Date: Tue, 16 May 2000 11:06:14 -0800
From: Jim Larsen AL7FS <al7fs@pobox.alaska.net>
To: "qrp-l@lehigh.edu" <qrp-l@lehigh.edu>
Subject: [70363] QRP-L CD Ver.3 - Pay Pal and International - de AL7FS
Message-ID: <39219C26.277F9083@pobox.alaska.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I have placed the Original QRP-L CD Ver. 3 Information on my website. This update includes PayPal information and notes on how I will handle overseas mailing. This information is also now posted to <http://www.qsl.net/al7fs/>

PayPal Information

I have a PayPal account now that I can use to receive payment by MasterCard or Visa. I am new to PayPal today so I hope this works. PayPal is available at <http://www.PayPal.com> Feel free to use my email address as the referring party if you set up a new account. :-)

My email address for PayPal is AL7FS@pobox.alaska.net Jim Larsen

If you chose to use this method you need to email me with your information.

For now let's try this method.

General Guidelines

Email Subject:

** QRP-L CD order from <your call> via PayPal

Text:

** Repeat your PayPal email address (for all I know, I get an email via PayPal-I'm new to this, as I said)
** Provide your mailing Name and address separated by 2 or 3 lines above and below so I can cut it out and tape to the mailer.
** Add any other comments on the bottom of the message as needed.

International Mailings

It looks like the package will weigh less than 3 ounces. I believe the \$10 will cover the International postage just fine as long as I don't get into customs expenses. I sure hope I won't have to fill out the stick-on customs form for each one but if so, that's just the way it goes.

Therefore, \$10 USD will cover the QRP-L CD at least from my perspective for International as well as domestic. I cannot speak for the other CD makers that will soon be appearing on the list.

Have fun,
73, Jim

--

Jim Larsen, AL7FS <http://www.qsl.net/al7fs/>
Anchorage, Alaska <mailto:al7fs@pobox.alaska.net>

QRP ARCI #6754 Check out <http://www.qrparci.org/>

Date: Tue, 16 May 2000 13:45:41 -0400
From: "Ed Tanton" <n4xy@att.net>
To: "QRP-L Reflector" <qrp-l@Lehigh.EDU>
Cc: "SWL Reflector" <swl@qth.net>
Subject: [70364] Solar Flare(s) Likely next 24 hrs
Message-ID: <CKEGICNFDIMCEKEDCEHFKEMGCGAA.n4xy@att.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

>From Space Weather News <http://www.spaceweather.com/> ...

Solar Flare Watch: Active region 8996 is still growing; it now covers 1300 millionths of the solar disk. NOAA Space Environment Center forecasters estimate an 80% probability of M-class solar flares and a 10% chance of a powerful X-class flare sometime during the next 24 hours.

And you should check out the animation of:

Solar Cinema: Yesterday, the wide field coronagraph on board the ESA/NASA Solar and Heliospheric Observatory recorded this rare image of a coronal mass ejection, four planets and the Pleiades.

Available same page.

73 Ed Tanton <n4xy@arrl.net> K2# 0057 (FT)

Technical Editor QRP ARCI "QRP Quarterly"

website: <http://www.qsl.net/n4xy/>

Date: Tue, 16 May 2000 11:51:39 -1000
From: "Daniel" <hamop@pixi.com>
To: <qrp-l@Lehigh.EDU>
Subject: [70365] Elecraft and Dayton
Message-ID: <200005162151.LAA16038@phoenix.pixi.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

I just saw the new Elecraft rig the K1. It's a bit smaller and it looks cute on the K2.

Hope everyone has a good time in Dayton. It almost makes me wish I wasn't in Hawaii. I guess I'll make it to Dayton some day.

73's and Aloha,
Daniel
AH7MI

Date: Tue, 16 May 2000 15:02:54 -0700
From: Radman <radman@best.com>
To: "'Low Power Amateur Radio Discussion'" <qrp-1@Lehigh.EDU>
Subject: [70366] K1 - Elecraft's twin-bander...
Message-ID: <01BFBF47.D48173A0@radman.vip.best.com>

Gang,

I can't believe they shrunk the K2 -- by 65 percent!

Living close to Elecraft's Northern Technology Campus, in Belmont, CA, has its benefits. Over the past four months or so, I've watched the K1 Development Project move from a wad of parts on Wayne's breadboard to a Dayton-ready dual-bander - soon-ready for hiking trails and 'Motel-6' guests around the globe.

The K1 is an elegant little CW day/night bander that is l-o-n-g overdue. There are times when the K2 is just too much of a lump to pack - too big, heavy and expensive to throw in the rucksack and lug up the mountain, or no room for it in the briefcase. For the business traveler or the hiker, the K1 will offer less volume, weight and price -- making it a no-brainer to pack.

The user interface is (not surprisingly) very K2-like. If you've mastered Elecraft's tap/hold scheme on the K2 front panel, you'll come up to speed on the K1 in minutes. Having an LCD tuning indicator is pure luxury. It may be heresy, but I've never liked the AFA schemes in the smaller radios. I like to see where I am on the band and listen to the QSO, not the AFA. I also like 'wall-to-wall' tuning - 150kHz on either band. No rewinding toroids or fiddling with extended tuning mods to get the 'whole' band - it's all there. The K1 has an internal keyer and two message buffers, a new AGC circuit and some very cool LEDs that ignite for RIT/XIT to help you keep track of where you are. (Yes, you can menu-disable the LEDs to conserve battery.) The K1 draws a skimpy 48mA on RX - not bad for RX performance that Wayne ranks "in the league of the 40A or Sierra."

Mercifully, Eric "QR0" Swartz co-engineered the TX/PA section so you'll get an honest 5watts on 40m & 20m - no after-market " 5W amp" needed.

It's got legs! The nifty KBR1 ground-mount bracket (optional) - allows for excellent hostile terrain support for the K1. It even doubles as a mobile mounting bracket if you invert it. If the KBR1 doesn't appeal to you, simply place the K1 atop your K2 and deploy the K2's tilt bail - looks like they were made for each other!

Summing it up: At \$269 the K1 is an excellent value. One-third the volume of the K2. CW day/night bands. LCD display. Three crystal filter bandwidths. Internal keyer with msg buffers. Internal speaker. Gobs of Burdick-like trickery in the user interface -- all in a very small box! All you need is a briefcase/rucksack and you're K1-ready!

Check it out at Dayton booth #196 or URL: <http://www.elecrafter.com/>

Happy trails es 72,

Conrad Weiss - NN6CW - no, I don't own a K1, yet ;)

Date: Tue, 16 May 2000 15:46:36 -0400
From: "Mike Yetsko" <myetsko@insydesw.com>
To: "Cla KA0GKC" <ka0gkc@arrl.net>, "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [70367] Re: OTHER QRP stuff
Message-ID: <018001bfbf6f\$9a7076c0\$2101a8c0@insydesw.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Thanks!!

But see? QRP WAS the right spot to get an answer!

(And it's more appropriate than phoney letters to Radio Shack about blowing up cable systems or a movie review!)

Mike
N1DVJ

K2# 1058

> Check out <http://www.homepower.com> this site has lots of info on
alternate
> energy and energy saving techniques. Also there is an alternative
energy
> newsgroup.
>
> Both of these resources will be more helpful and more appropriate then
the
> QRP-L reflector.
>
> 73 de Cla KA0GKC

Date: Tue, 16 May 2000 18:16:15 -0400
From: arrowhead1@characterlink.net (Ted Danchi)
To: QRP-L Reflector <grp-l@Lehigh.EDU>
Subject: [70368] FS: Dip meter, rig, books, etc.
Message-ID: <3921C8AE.303BC56D@characterlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hey guys! I've got a bunch of stuff to go today. First, let me make a few
general comments.

- 1.All prices are negotiable. I will consider any REASONABLE offer. (You define
reasonable! :-)
- 2.Anyone who is close to Raleigh, NC (or can get here) is more than welcome to
come see any of this stuff. Just mention that you'd like to come, and I'll get
directions out to you individually (for obvious reasons!).
- 3.I've not read/used many of the books, and don't have time to flip through them
page by page to evaluate their condition. Therefore, I'm giving my opinion of
their condition based on their covers and a quick "page flip" to check out the
inside. Once again, you're welcome to come see them if you want.
- 3.Shipping is NOT included in the prices.
- 4.I'm selling on a "first come first serve" basis AS LONG AS THE OFFER(S)
MEET(S) OR EXCEED(S) MY ASKING PRICE. In the event that no offer meets or
exceeds my asking price, I WILL NOT REPLY TO ANYONE until I've decided to either
accept an offer or keep the item (not sell it).

That said,

ITEMS FOR SALE:

1.Heathkit Dip Meter--\$35

Model: HD-1250

Condition: Very good; works fine; was completely checked out and refurbished by Paul Lewis, KE4DNK, about a year or so ago; it's had VERY little use since then; comes with a PHOTOCOPY of the manual (includes building/aligning/troubleshooting instructions), all coils, a coil & cable (with BNC connector) that allow you to check its frequency on a separate counter, and NICE Heathkit molded plastic carry case.

2.Oak Hills Research QRP Classic 2040 CW rig--\$135

Main features: Dual band (20/40 meters), RIT, variable AGC (modified by Paul, AA4XX)

Condition: Very good; built and aligned by Paul Stroud, AA4XX; has some minor scratches on case; has been modified (very nicely) by Paul, to add the variable AGC and connectors for a frequency counter readout, and external speaker; does NOT include internal keyer option

3.QRP rig accessory box--\$15

Main features: Homebrew design (by AA4XX); includes freq. counter digital readout, calibrated SWR/power meter (a modified MFJ circuit), and speaker; originally designed for use with OHR QRP Classic 2040 but should work fine with other rigs (some modification to digital readout may be necessary); matches the 2040's case; BNC connectors for Transmitter and Antenna; RCA's for FREQ and Audio; Barrel DC power connector

Condition: Very good

4.Large capacitor--\$??

Description: 1uF 2100 WVAC Matsushita capacitor; made in Japan; "quick disconnect" (blade) style contacts; labeled "No PCB's"; it's got what I think is a model/part number: A6090550AP; I dug this thing out of a busted microwave oven a while back. It's been under my bed in a plastic bag doing nothing for WAY to long. :-); I have no clue what it's worth (if anything); I'm just hoping somebody desperately needs it for some project so I can feel good about being the one able to provide it! :-)

5.Books:

"1956 ARRL Antenna Book"--\$10; in OK condition (pages are better than cover);

"1968 ARRL Mobile Manual for Radio Amateurs"--\$10; in good condition;

1952 "Basic Theory and Application of Electron Tubes"--\$10; published by the "Departments of the Army and the Air Force"; Army Technical Manual TM-11-662,

Air Force Technical Order T016-1-255; in good condition;

"Reference Data for Radio Engineers", International Telephone and Telegraph Corp.--\$15; fourth edition; copyright 1956; hardback; in pretty good condition (binding is a starting to come loose at front)

"Buchsbaum's Complete Handbook of Practical Electronics Reference Data"--\$20; second edition; published by Prentice Hall; copyright 1978; hardback; in VERY GOOD condition

"Design Manual for Transistor Circuits", John M. Carroll, (former?) Managing Editor, ELECTRONICS--\$2; published by McGraw-Hill Book Company, Inc.; copyright 1961; hardback; in not-so-great condition (pages OK, binding coming apart),

"Transistor Physics and Circuits", Riddle and Ristenbatt--\$5; published by Prentice Hall; copyright 1958; hardback; in good condition

"Functional Circuits and Oscillators", Herbert J. Reich, (former?) Department of Electrical Engineering, Yale University--\$5; part of the Van Nostrand Series in Electronics and Communications; published by D. Van Nostrand Company, Inc.; copyright 1961; hardback; good condition;

"Semiconductor and Tube Electronics, An Introduction", James G. Brazee--\$5; published by Holt, Rinehart and Winston, Inc.; copyright 1968; hardback; good condition;

"Microwave Systems Fundamentals", F. Jonathan Mivec--\$4; published by Howard W. Sam & Co.; first edition; copyright 1963; good condition

"Principles of Electric Circuits", Thomas L. Floyd--\$20; published by "Merle, and imprint of Macmillan Publishing Company"; Fourth Edition; copyright 1993; hardback; color illustrations; very good condition

"IC Projects for Amateur & Experimenter", edited by Wane Green W2NSD/1--\$5; published by Tab Books; "an anthology of some of the more interesting IC construction projects from 73 Magazine, selected to be of value to the radio amateur and the experimenter"; copyright 1971; good condition

I've bored you enough. Don't hesitate to send me an offer if you don't like my price!!

73 to all

--

Michael F. Danchi, KE4TSA
Violinist
"Guardian 7"

Date: Tue, 16 May 2000 18:21:13 -0400
From: arrowhead1@characterlink.net (Ted Danchi)
To: QRP-L Reflector <qrp-l@Lehigh.EDU>
Subject: [70369] FS: I forgot one...
Message-ID: <3921C9D9.1EBAB95E@characterlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Sorry guys...I forgot one book.

For sale:

"Systems Analysis for Data Transmission", James Martin--\$20; published by Prentice-Hall; copyright 1972; hardback; good condition (very good except for some tape on the covers where somebody tried to secure a book jacket to it)

--
Michael F. Danchi, KE4TSA
Violinist
"Guardian 7"

Date: Tue, 16 May 2000 15:22:34 -0700
From: "Davies, Doug A FOR:EX" <Doug.Davies@gems3.gov.bc.ca>
To: "'qrp-l@Lehigh.EDU'" <qrp-l@Lehigh.EDU>
Subject: [70370] Another Toroid Question
Message-ID: <60F1FEB31CA3D211A1B60008C7A45F430997FEDA@blaze.bcsc.GOV.BC.CA>
Content-return: allowed
MIME-version: 1.0
Content-type: text/plain; charset=iso-8859-1
Content-transfer-encoding: 7BIT

I've studied the Amidon fact sheet but can't seem to locate what I need. I'm build a tuner from a circuit in the QRP Notebook. It requires a 12uh inductor using 46 turns of #28 wire on a T68-2 core. Questions is, can I substitute another size of wire and, by varying the number of turns, obtain the same inductance? I have no #28 wire but I do have a lot of #24 and #30.

Doug VA7DD

Date: Tue, 16 May 2000 12:14:27 -0400
From: Shawn Upton <shawn-upton@aiken.eng.orgella.com>
To: "'qrp-1@lehigh.edu'" <qrp-1@lehigh.edu>
Subject: [70371] CW
Message-ID: <01BFBF30.486E8040.shawn-upton@aiken.eng.orgella.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

Not sure if this is the proper forum for it, but here goes...

Am in the process of (re)learning CW; originally learned at 5wpm for test, I think I can still copy 5wpm. I want to learn higher speed cw, like 20wpm, so I could actually use cw. Right now, I have my morse code generator sending random code at 20wpm characters, with 10wpm spacing. Obviously, I can speed it up in the future, but is this where I want to start? Or should I crank up both speeds?

Thanks for the response.

Shawn Upton
KB1CKT

Date: Tue, 16 May 2000 15:36:59 -0700
From: "Steve Thompson" <steve@xcvr.com>
To: <shawn-upton@aiken.eng.orgella.com>
Cc: <qrp-1@Lehigh.EDU>
Subject: [70372] Re: CW
Message-ID: <012a01bfbf87\$40254de0\$0a72b6c6@steve>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi Shawn -

You will hear many opinions on this ... so, here's mine:

If you are shooting for a target speed, set your character speed a few over that target speed. For example, if you want to be proficient at 20wpm, listen to the chars at 22-24 wpm that way the 20wpm will be a bit easier when you go to copy it! Increase the spacing speed with your learning and progression.

BUT, I will make the absolute most important recommendation: Get *on the air* and listen to real-time CW as much as you can on the bands ... when possible, substitute live CW for any recordings or CW-generating software. It's tough to judge speeds on the air, but copy what you're almost comfortable with and go from there. Be sure to push your "comfort zone". There's no short cut to copying higher speeds ... it just takes lots of practice! (I'm always practicing)

Steve N7TX

----- Original Message -----

From: "Shawn Upton" <shawn-upton@aiken.eng.orgella.com>

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Sent: Tuesday, May 16, 2000 09:14

Subject: CW

> Not sure if this is the proper forum for it, but here goes...
>
> Am in the process of (re)learning CW; originally learned at 5wpm for test,
> I think I can still copy 5wpm. I want to learn higher speed cw, like
> 20wpm, so I could actually use cw. Right now, I have my morse code
> generator sending random code at 20wpm characters, with 10wpm spacing.
> Obviously, I can speed it up in the future, but is this where I want to
> start? Or should I crank up both speeds?
>
> Thanks for the response.
>
> Shawn Upton
> KB1CKT
>
>
>

Date: Tue, 16 May 2000 13:47:07 -0400

From: David Hinerman <dlh1009@ritvax.isc.rit.edu>

To: qrp-l <qrp-l@Lehigh.EDU>
Subject: [70373] SMK #190 : It's alive!
Message-ID: <000d01bfbf5e\$ca911500\$2d0a05cc@rochester.com>
MIME-version: 1.0
Content-type: text/plain; charset=iso-8859-1
Content-transfer-encoding: 7BIT

Folks,

I love debugging hardware - you know when you're done. (Unlike debugging software, when you know you'll never be done.)

I assembled this SMK-1 (graciously provided by Dick, W2SCF) last Sunday, and first applied power last night. No smoke, but only a hiss in the headphones. (Using a 2 ft. clip lead for an antenna, I should have heard something.) Tracked the problem down today to a faulty C24, the 390 pF cap at the input to the output pi network. It didn't show DC continuity to ground, but it was definitely loading down the antenna on receive. I replaced it with a leaded 330 pF cap, and it whistles happily now! I don't know if I installed the wrong part or damaged the one I had, but it definitely had a problem. I tried the transmit briefly (with a dummy load) and I get LOTS of sidetone. (No power indicator here, so I can't say how much juice it transmits. I want to get the right cap in the pi network before I go much further anyway.)

I want to thank Norcal and Dave Fifield for making an excellent kit - well documented, simple to construct & tune, and inexpensive. If it weren't for the fact that a surface-mount board pretty much has to be multi-layer, I'd be making some of my own. A guy could get used to not trimming leads...

Now to build an antenna, an SWR indicator, find my key... you think a 4 amp power supply will keep this little rig happy? (Grin)

Dave

David Hinerman WD8CIV
Ontario, NY Grid FN13IF
dlh1009@rit.edu

Date: Tue, 16 May 2000 18:46:50 -0400
From: arrowhead1@characterlink.net (Ted Danchi)
To: QRP-L Reflector <qrp-l@Lehigh.EDU>
Subject: [70374] UPDATE FS: Dip meter, rig, books, etc.
Message-ID: <3921CFDA.7C157C6D@characterlink.net>
MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

The accessory box is spoken for. The rest is still available.

That was fast! Wow!

73

--

Michael F. Danchi, KE4TSA

Violinist

"Guardian 7"

End of QRP-L Digest 1823
